

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029358.D
 Acq On : 19 Oct 2017 9:05
 Operator : SJ/JU
 Sample : PB103373BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Manual Integrations
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Sohil
 10/19/2017 6:17:20 PM

Quant Time: Oct 19 17:10:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	56878	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	258062	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	176084	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	456862	20.00	ng	0.00
75) Chrysene-d12	21.80	240	503334	20.00	ng	0.00
86) Perylene-d12	25.10	264	521180	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	332650	97.70	ng	0.00
7) Phenol-d6	7.32	99	440979	92.27	ng	0.00
23) Nitrobenzene-d5	9.33	82	370723	91.29	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	235143	103.43	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1005812	83.78	ng	0.00
78) Terphenyl-d14	20.11	244	1877598	84.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	55070	39.865	ng	88
3) Pyridine	3.98	79	160425	39.879	ng	90
4) n-Nitrosodimethylamine	3.89	42	80081	42.586	ng	# 94
6) Aniline	7.48	93	195903	33.104	ng	96
8) 2-Chlorophenol	7.73	128	175263	44.909	ng	94
9) Benzaldehyde	7.29	77	60883	25.328	ng	96
10) Phenol	7.35	94	234113	45.439	ng	92
11) bis(2-Chloroethyl)ether	7.58	93	160843	42.847	ng	92
12) 1,3-Dichlorobenzene	8.06	146	180080	41.100	ng	97
13) 1,4-Dichlorobenzene	8.20	146	183647	41.053	ng	96
14) 1,2-Dichlorobenzene	8.52	146	174141	40.359	ng	96
15) Benzyl Alcohol	8.40	79	160783	47.740	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.69	45	265213	41.602	ng	93
17) 2-Methylphenol	8.60	107	158251	46.237	ng	98
18) Hexachloroethane	9.26	117	63915	41.926	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	134518	41.396	ng	# 97
20) 3+4-Methylphenols	8.93	107	218969	45.405	ng	95
22) Acetophenone	8.99	105	254277	40.886	ng	# 96
24) Nitrobenzene	9.37	77	193739	42.431	ng	91
25) Isophorone	9.90	82	377076	44.479	ng	# 93
26) 2-Nitrophenol	10.09	139	100944	46.256	ng	91
27) 2,4-Dimethylphenol	10.14	122	184452	46.716	ng	94
28) bis(2-Chloroethoxy)methane	10.37	93	234378	45.086	ng	96
29) 2,4-Dichlorophenol	10.63	162	199409	47.361	ng	92
30) 1,2,4-Trichlorobenzene	10.84	180	189083	41.568	ng	100
31) Naphthalene	11.03	128	534549	41.563	ng	98
32) Benzoic acid	10.27	122	152219	46.043	ng	# 79
33) 4-Chloroaniline	11.13	127	150351	27.791	ng	94
34) Hexachlorobutadiene	11.32	225	116845	41.315	ng	95
35) Caprolactam	11.90	113	75733m	54.122	ng	
36) 4-Chloro-3-methylphenol	12.25	107	213505	46.105	ng	# 91
37) 2-Methylnaphthalene	12.63	142	417980	44.591	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	224975	34.995	ng	98
40) Hexachlorocyclopentadiene	12.97	237	302951	121.809	ng	92

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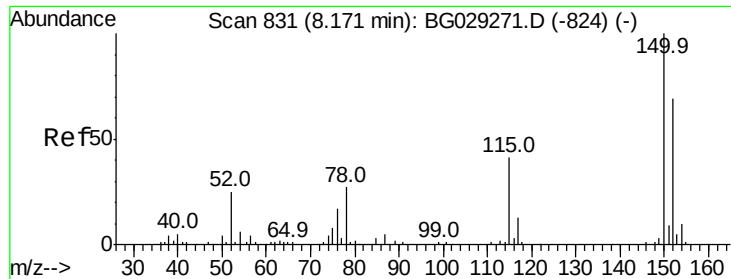
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	174802	43.313	nq	97
43) 2,4,5-Trichlorophenol	13.30	196	193270	46.631	nq	96
45) 1,1'-Biphenyl	13.62	154	572311	37.814	nq	96
46) 2-Chloronaphthalene	13.67	162	442535	40.086	nq	97
47) 2-Nitroaniline	13.86	65	145367	47.940	nq #	88
48) Acenaphthylene	14.51	152	712328	41.228	nq	98
49) Dimethylphthalate	14.23	163	613627	44.665	nq	98
50) 2,6-Dinitrotoluene	14.35	165	139776	48.533	nq #	83
51) Acenaphthene	14.85	154	440635	39.197	nq	99
52) 3-Nitroaniline	14.68	138	109526	35.243	nq #	79
53) 2,4-Dinitrophenol	14.89	184	167904	103.726	nq #	51
54) Dibenzofuran	15.18	168	717400	44.703	nq	99
55) 4-Nitrophenol	14.99	139	267892	104.559	nq #	80
56) 2,4-Dinitrotoluene	15.14	165	199975	51.293	nq #	79
57) Fluorene	15.83	166	575333	43.398	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	188478	54.507	nq	96
59) Diethylphthalate	15.58	149	640303	46.765	nq	98
60) 4-Chlorophenyl-phenylether	15.81	204	317568	44.928	nq	95
61) 4-Nitroaniline	15.84	138	159614	50.018	nq	87
62) Azobenzene	16.11	77	548865	47.538	nq	96
64) 4,6-Dinitro-2-methylphenol	15.90	198	116591	45.202	nq	84
65) n-Nitrosodiphenylamine	16.03	169	539128	39.394	nq	99
66) 4-Bromophenyl-phenylether	16.71	248	217491	41.487	nq	98
67) Hexachlorobenzene	16.83	284	229272	38.610	nq	98
68) Atrazine	16.97	200	226370	46.357	nq	99
69) Pentachlorophenol	17.17	266	314129	92.087	nq	98
70) Phenanthrene	17.56	178	989570	41.928	nq	96
71) Anthracene	17.66	178	1016478	42.891	nq	99
72) Carbazole	17.92	167	979168	43.011	nq	99
73) Di-n-butylphthalate	18.47	149	1145160	43.736	nq	99
74) Fluoranthene	19.56	202	1259033	45.609	nq	96
76) Benzidine	19.73	184	488507	32.144	nq	99
77) Pyrene	19.92	202	1280709	41.945	nq	96
79) Butylbenzylphthalate	20.79	149	548171	42.140	nq	92
80) Benzo(a)anthracene	21.78	228	1278296	43.256	nq	98
81) 3,3'-Dichlorobenzidine	21.68	252	382679	31.373	nq	97
82) Chrysene	21.84	228	1203831	42.536	nq	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	768662	41.173	nq	99
84) Di-n-octyl phthalate	22.91	149	1322379	40.643	nq	97
85) Indeno(1,2,3-cd)pyrene	28.89	276	1564215	44.926	nq	98
87) Benzo(b)fluoranthene	24.05	252	1339133	44.880	nq	100
88) Benzo(k)fluoranthene	24.12	252	1278051	42.994	nq	97
89) Benzo(a)pyrene	24.95	252	1281486	44.675	nq	99
90) Dibenzo(a,h)anthracene	28.96	278	1300357	44.778	nq	97
91) Benzo(g,h,i)perylene	30.08	276	1288874	47.767	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

Tot Ion:152 Resp: 56878

Ion Ratio Lower Upper

152 100

150 157.1 126.6 189.8

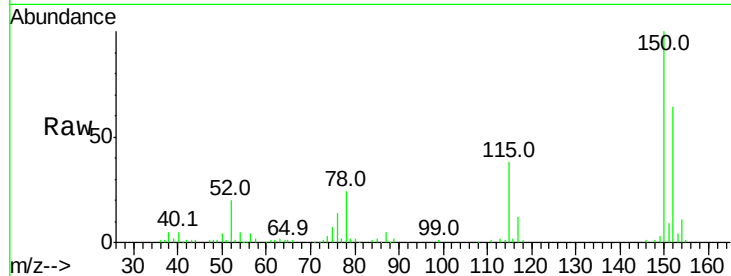
115 59.1 53.0 79.4

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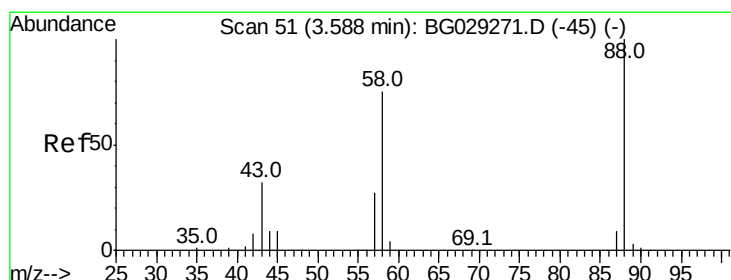
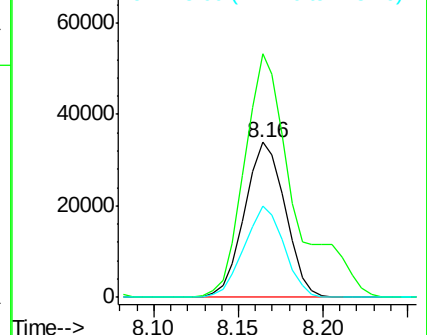
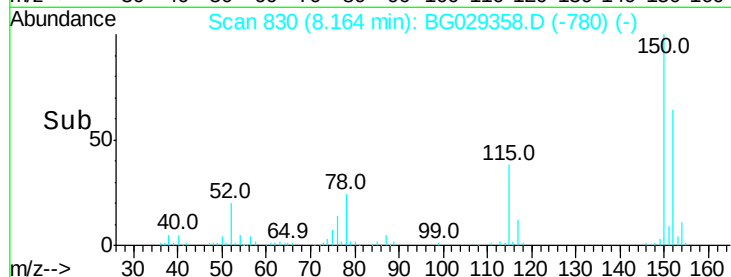
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.865 ng

RT: 3.58 min Scan# 49

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

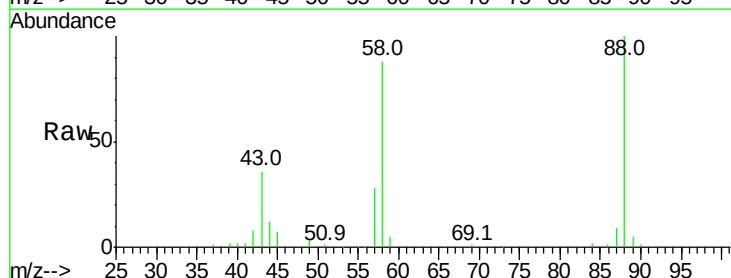
Tgt Ion: 88 Resp: 55070

Ion Ratio Lower Upper

88 100

58 84.2 79.6 119.4

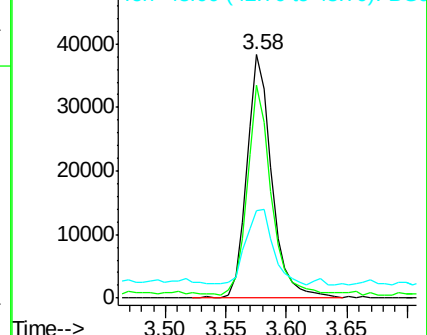
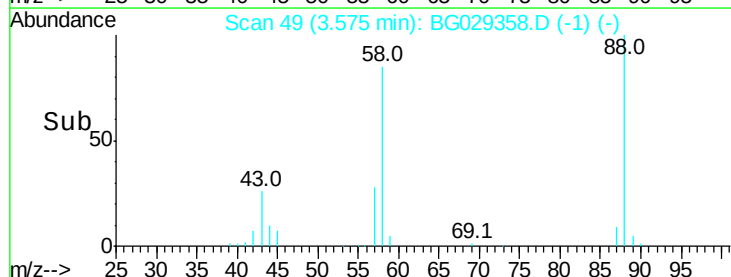
43 34.6 27.4 41.0

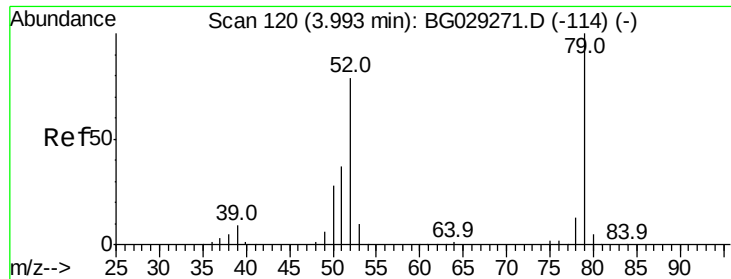


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.879 ng

RT: 3.98 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

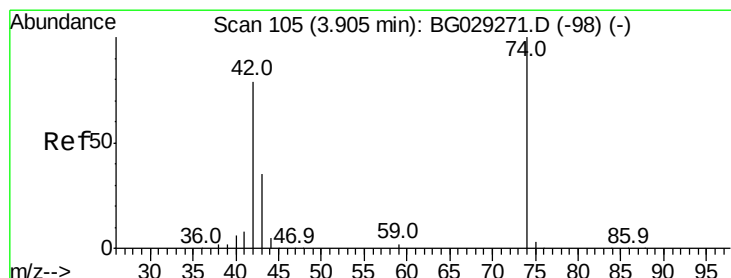
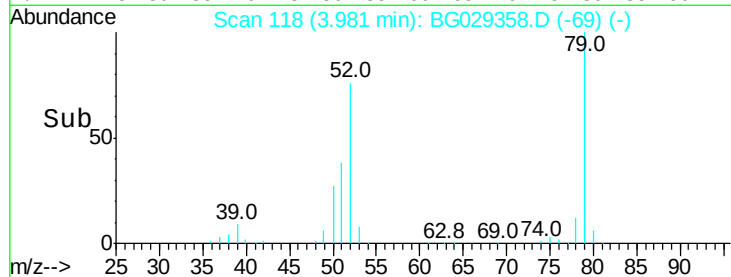
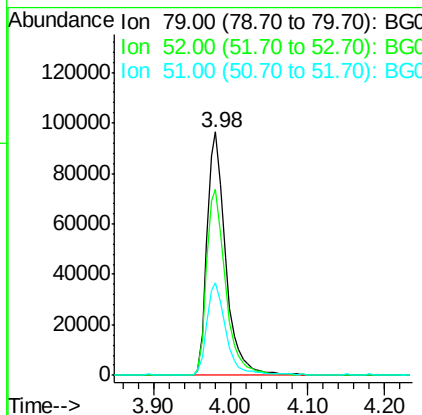
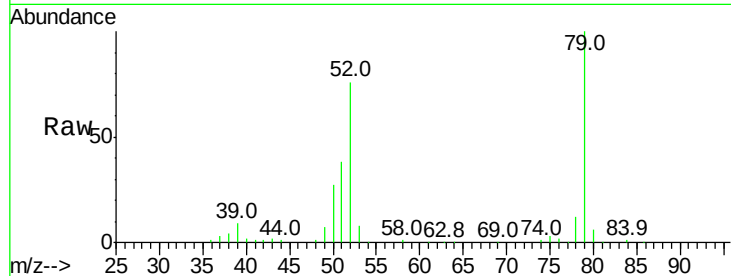
ClientSampleId :

PB103373BSD

Tot Ion:	79	Resp:	160425
Ion Ratio	Lower	Upper	
79	100		
52	76.3	69.9	104.9
51	38.1	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 42.586 ng

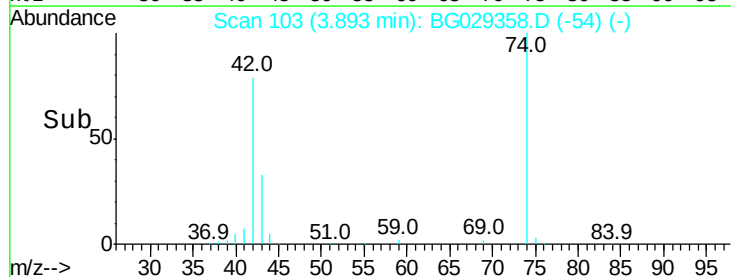
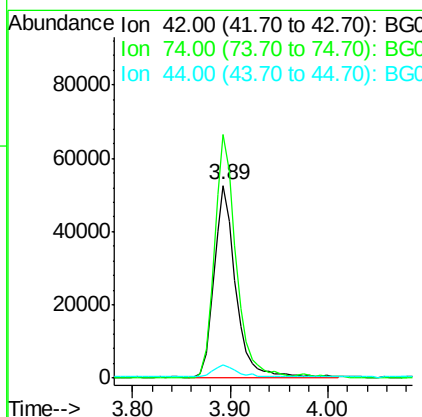
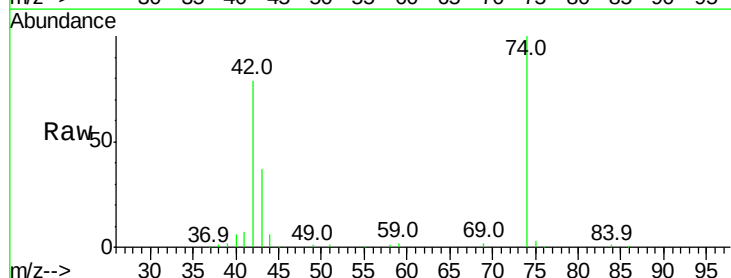
RT: 3.89 min Scan# 103

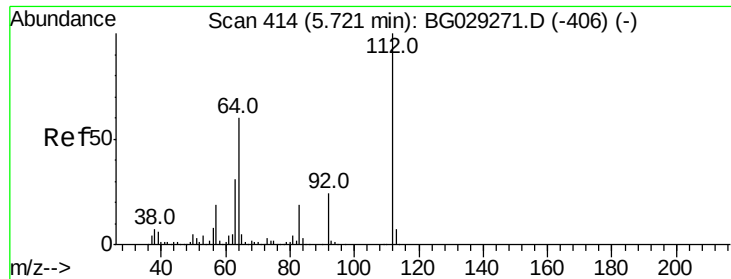
Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Tgt Ion:	42	Resp:	80081
Ion Ratio	Lower	Upper	
42	100		
74	126.4	102.5	153.7
44	7.2	18.9	28.3#





#5

2-Fluorophenol

Concen: 97.702 ng

RT: 5.72 min Scan# 414

Delta R.T. -0.00 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

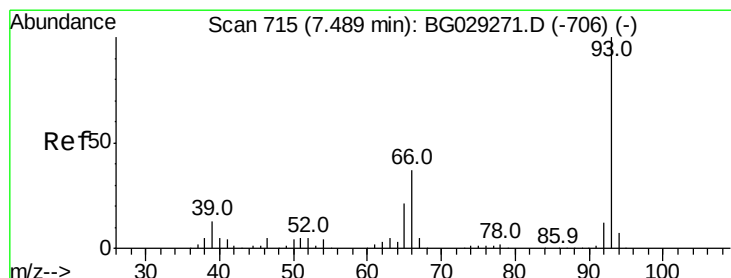
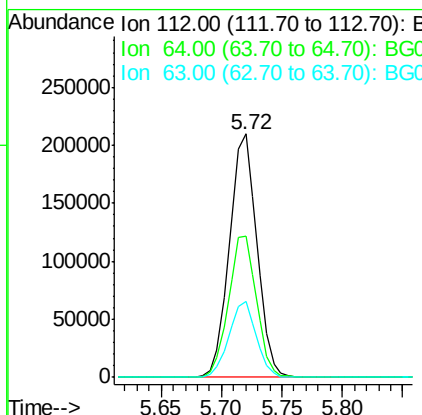
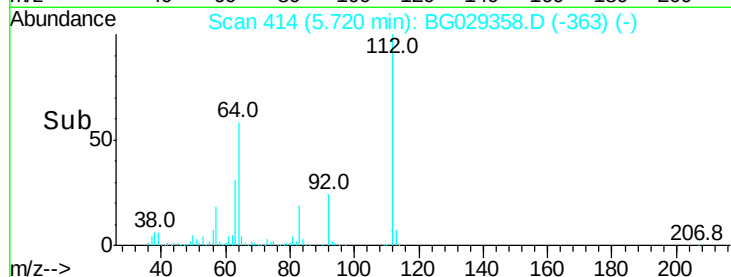
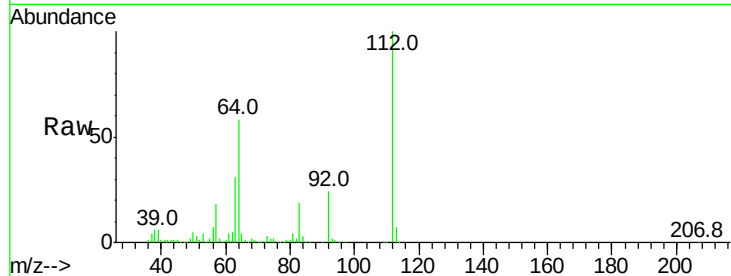
ClientSampleId :

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Tot Ion:	112	Resp:	332650
Ion Ratio	Lower	Upper	
112	100		
64	57.8	56.3	84.5
63	31.0	30.1	45.1

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#6

Aniline

Concen: 33.104 ng

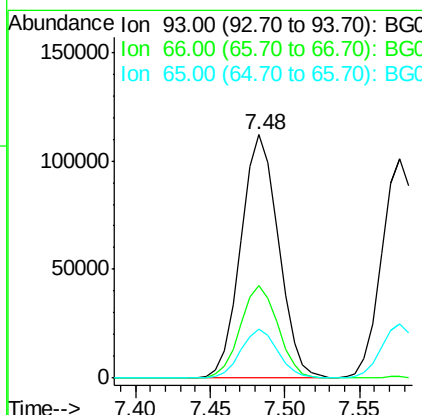
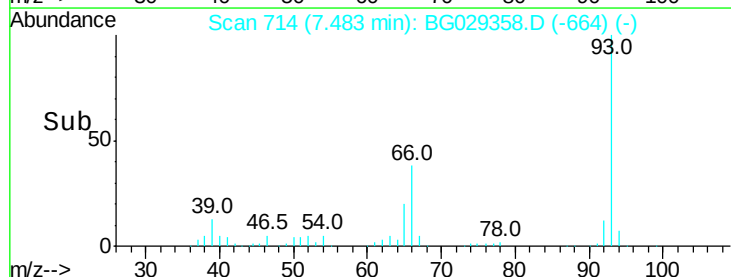
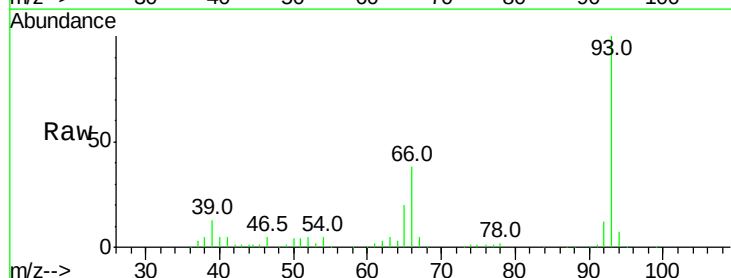
RT: 7.48 min Scan# 714

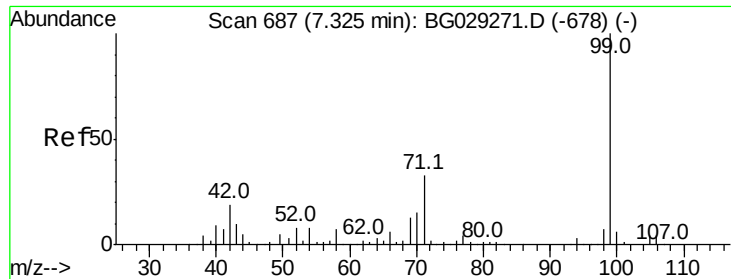
Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Tgt Ion:	93	Resp:	195903
Ion Ratio	Lower	Upper	
93	100		
66	38.2	33.7	50.5
65	19.9	16.1	24.1





#7

Phenol-d6

Concen: 92.273 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

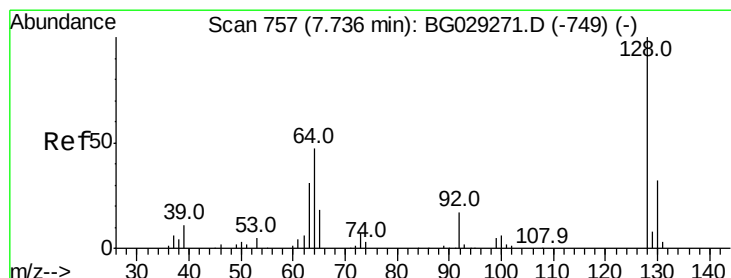
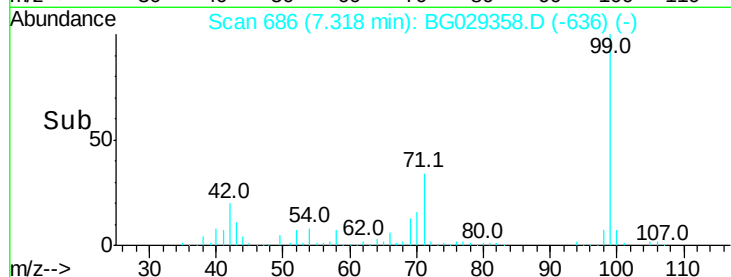
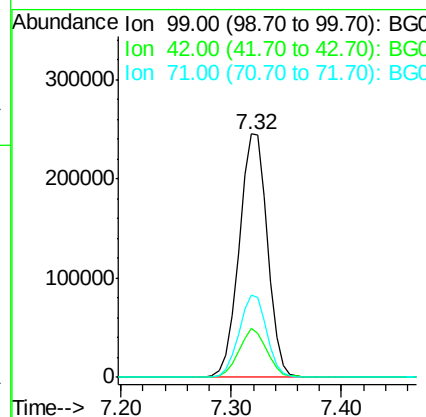
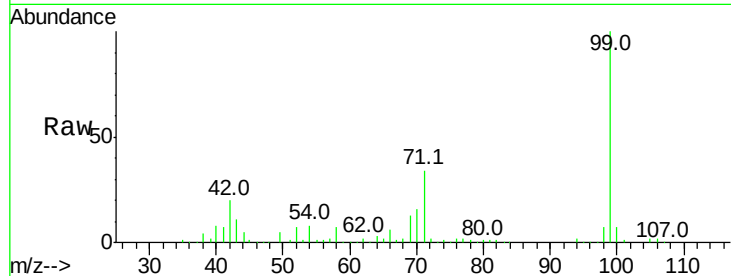
ClientSampleId :

PB103373BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		440979		
42	20.3	14.1	21.1		
71	33.8	26.1	39.1		

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#8

2-Chlorophenol

Concen: 44.909 ng

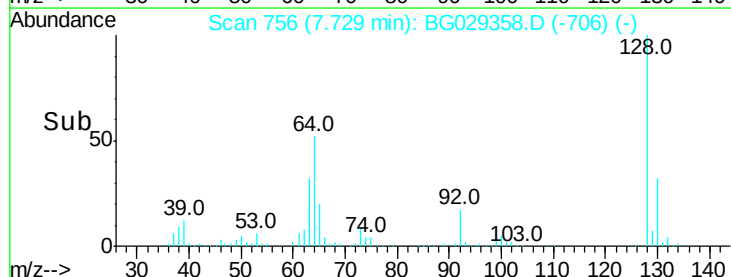
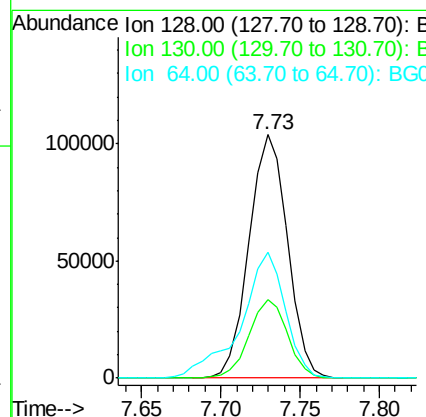
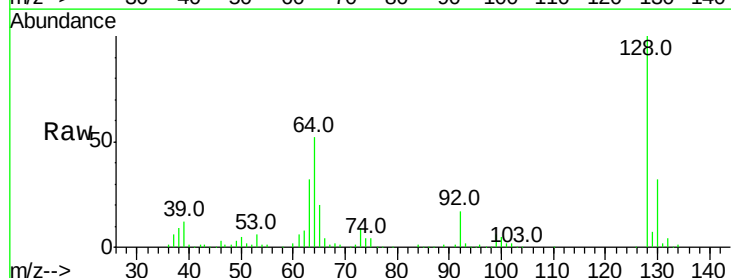
RT: 7.73 min Scan# 756

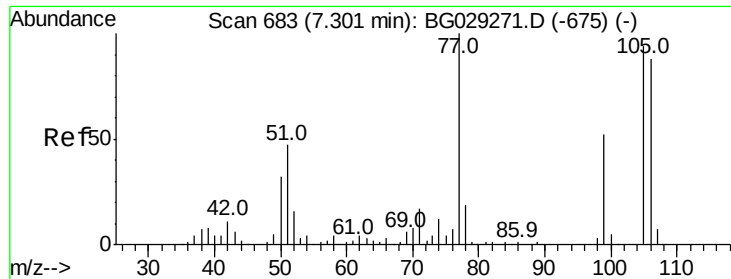
Delta R.T. -0.01 min

Lab File: BG029358.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		175263		
130	32.2	14.0	54.0		
64	51.6	37.7	77.7		





#9

Benzaldehyde

Concen: 25.328 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

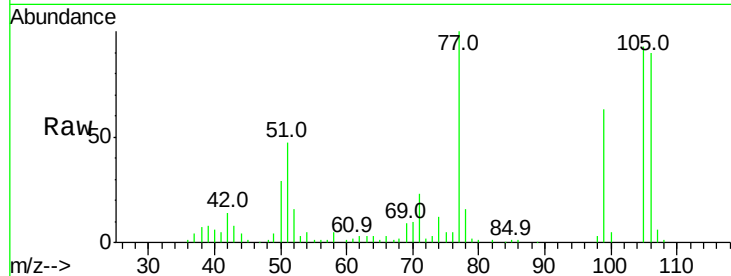
ClientSampleID :

PB103373BSD

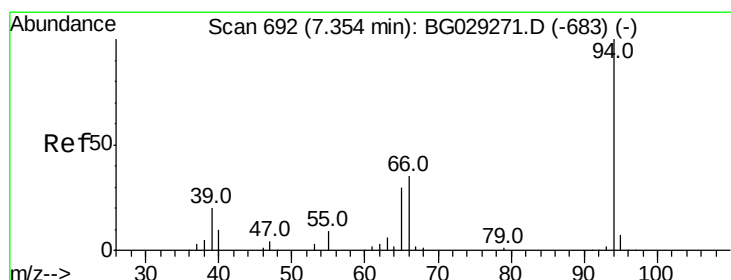
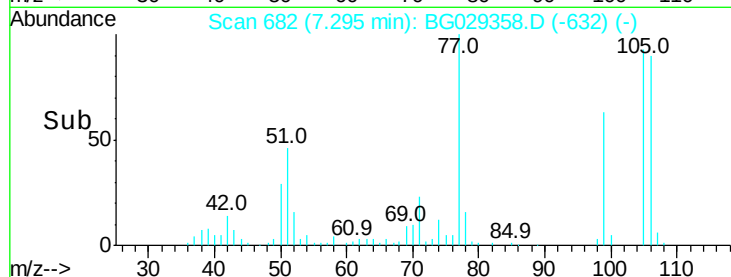
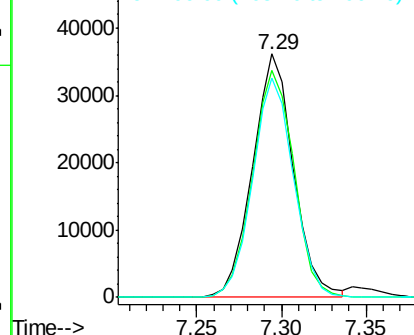
Tot Ion:	77	Resp:	60883
Ion	Ratio	Lower	Upper
77	100		
105	93.2	71.3	111.3
106	90.0	64.2	104.2

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.439 ng

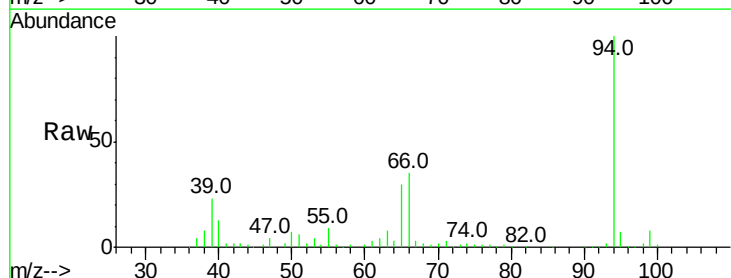
RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

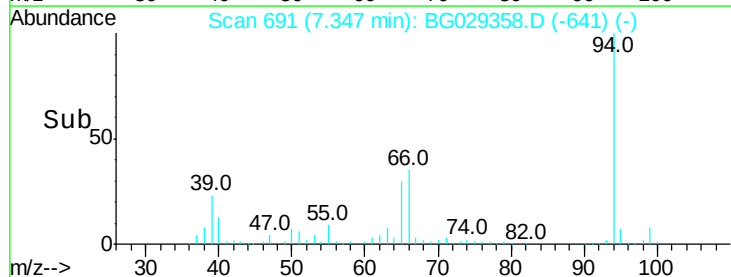
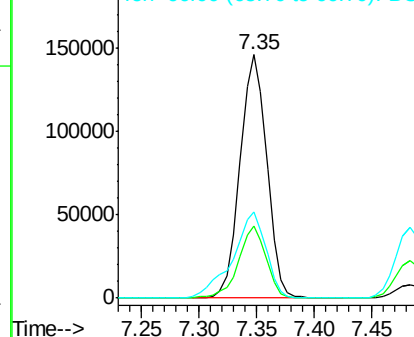
Lab File: BG029358.D

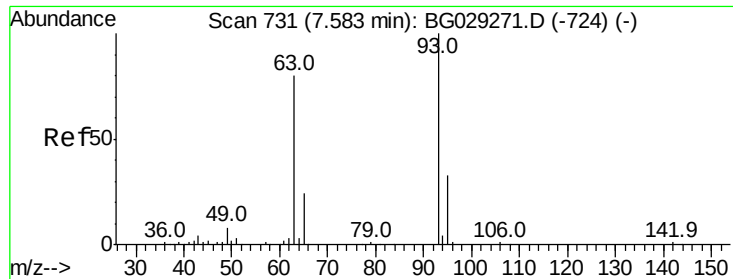
Acq: 19 Oct 2017 9:05

Tgt Ion:	94	Resp:	234113
Ion	Ratio	Lower	Upper
94	100		
65	29.7	11.9	51.9
66	35.3	22.2	62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





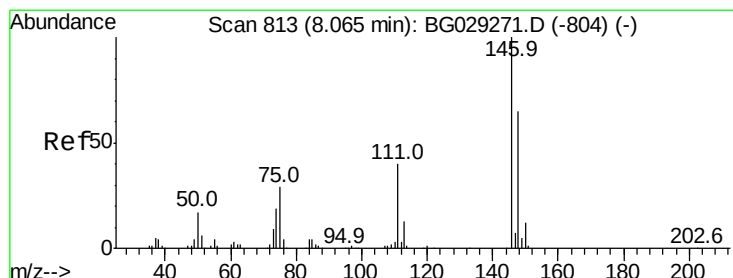
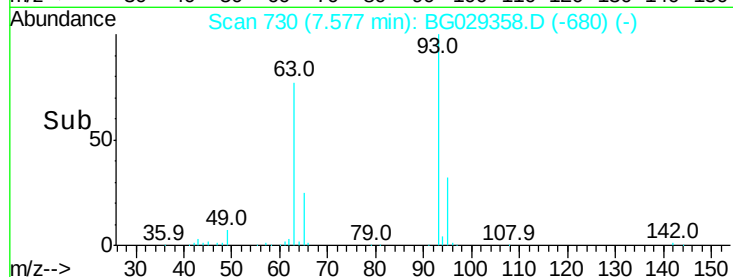
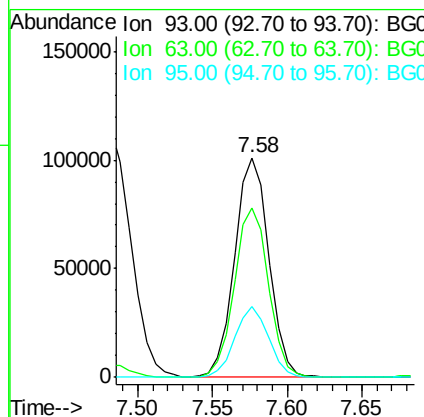
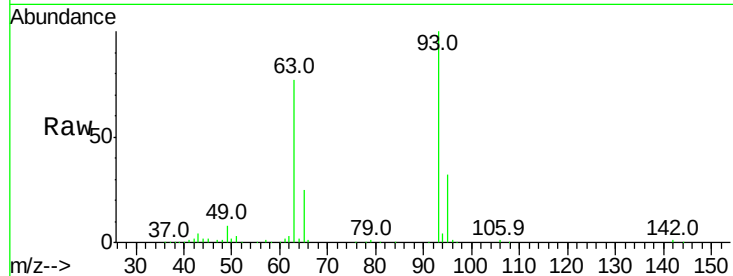
#11
bis(2-Chloroethyl)ether
Concen: 42.847 ng
RT: 7.58 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	77.4	67.1	107.1	
95	32.1	11.5	51.5	

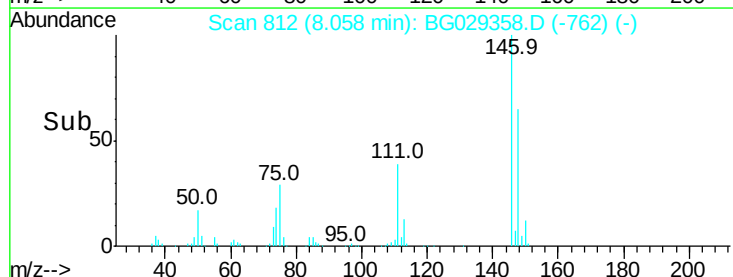
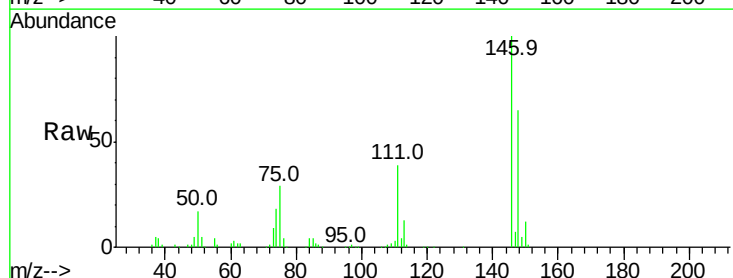
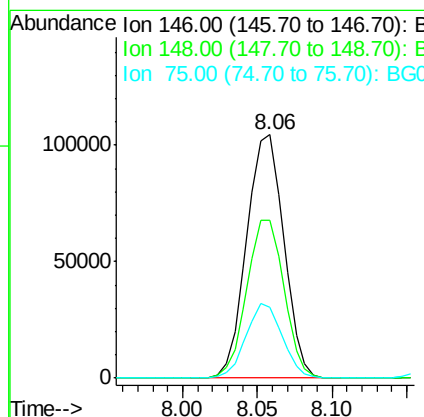
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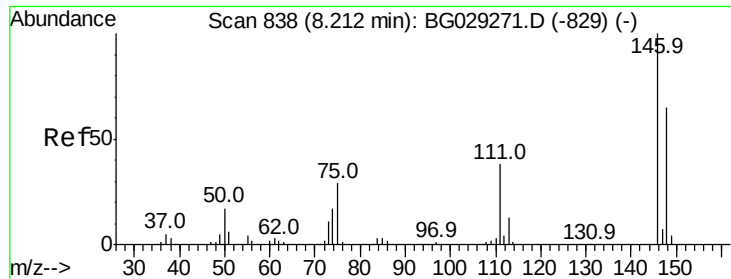
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.100 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.8	51.4	77.2	
75	28.9	26.6	39.8	





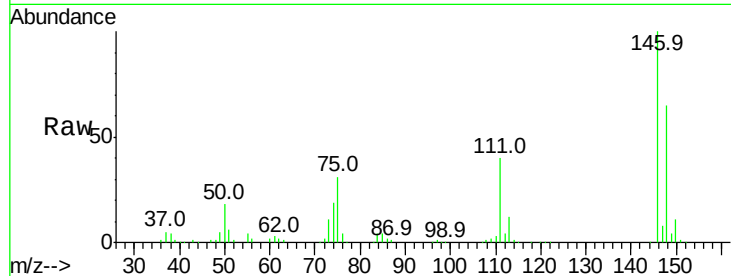
#13
 1,4-Dichlorobenzene
 Concen: 41.053 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleID :
 PB103373BSD

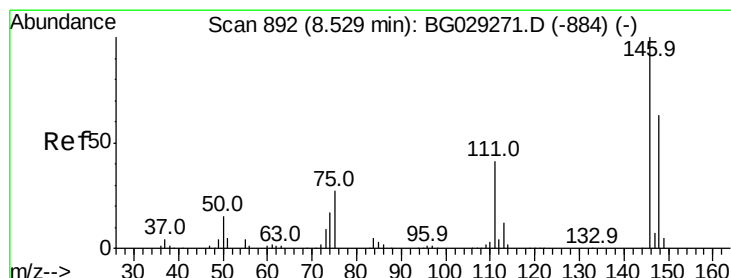
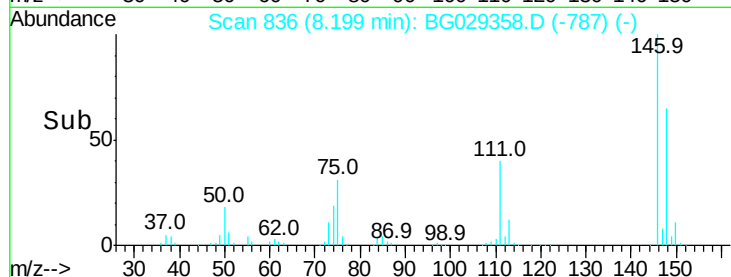
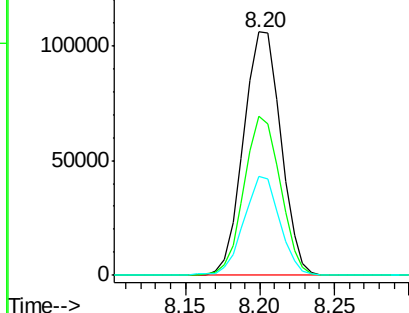
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.7	80.5
111	40.4	35.2	52.8

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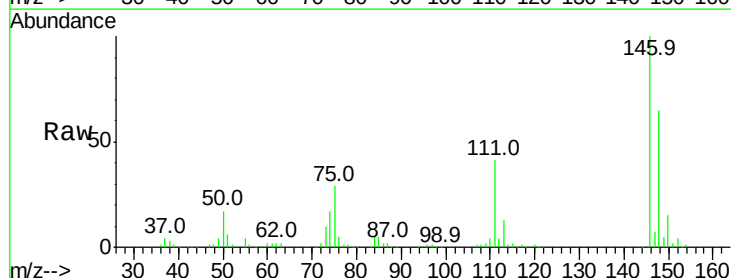


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

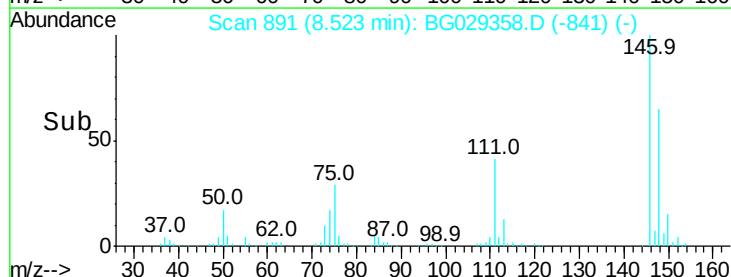
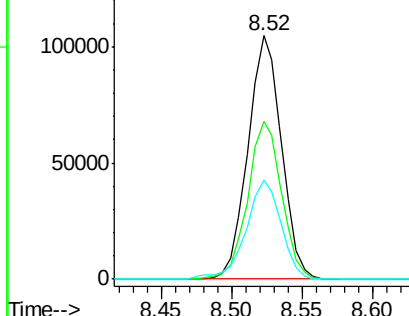


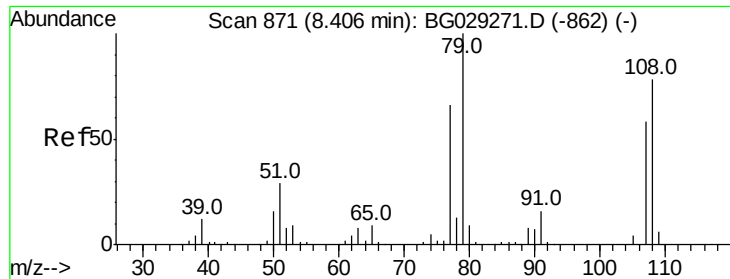
#14
 1,2-Dichlorobenzene
 Concen: 40.359 ng
 RT: 8.52 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	49.3	73.9
111	40.6	34.3	51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





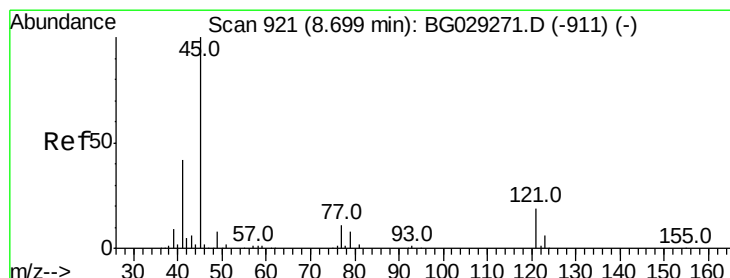
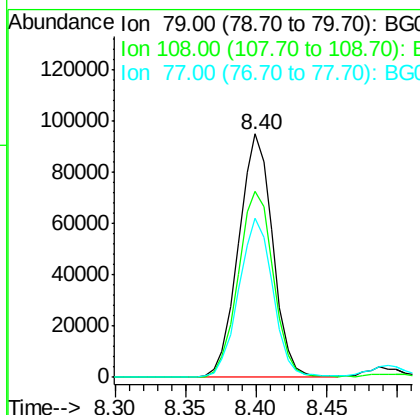
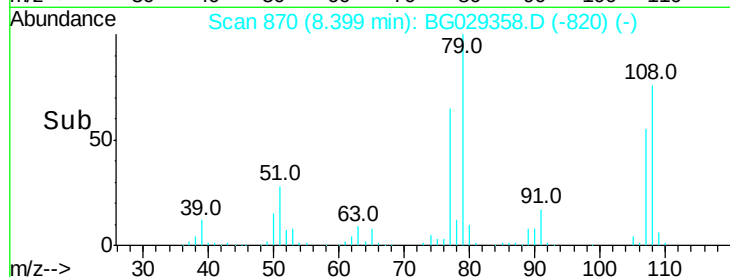
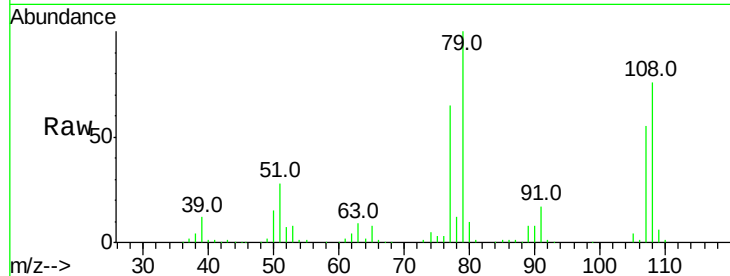
#15
Benzyl Alcohol
Concen: 47.740 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	57.2	85.8
77	65.1	46.1	69.1

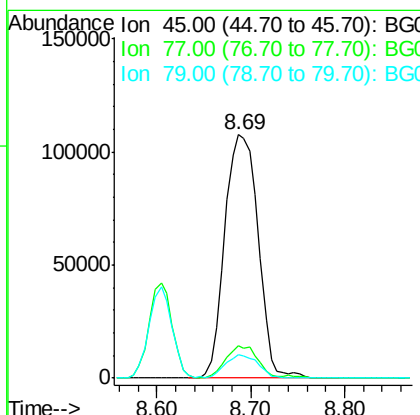
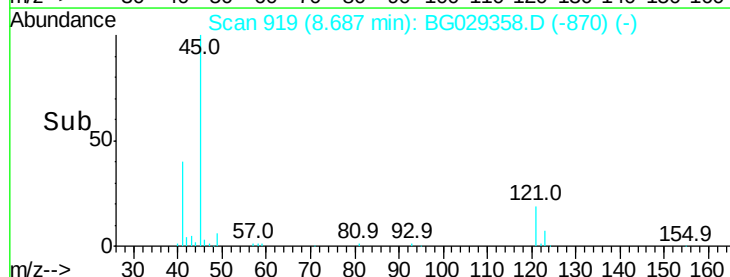
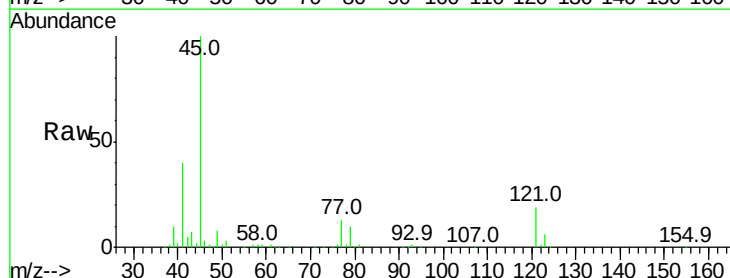
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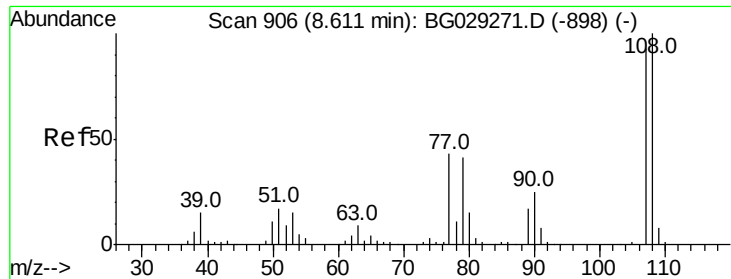
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.602 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	30.2
79	9.6	0.0	27.9





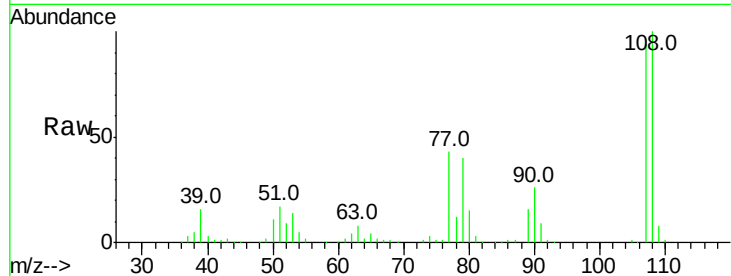
#17
2-Methylphenol
Concen: 46.237 ng
RT: 8.60 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	158251		
108	106.2	83.9	125.9	
77	45.2	37.2	55.8	
79	42.9	36.2	54.2	

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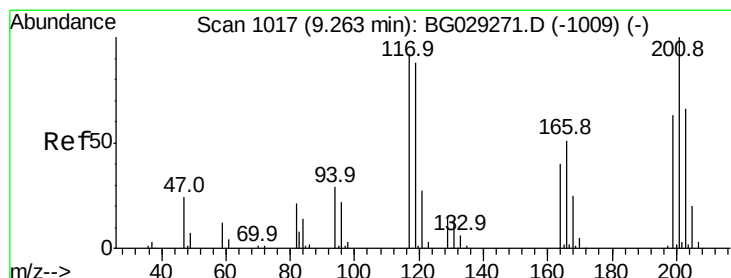
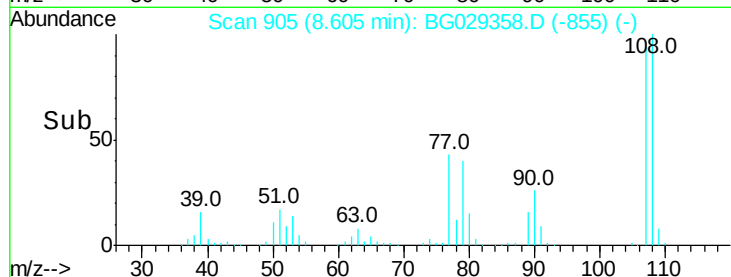
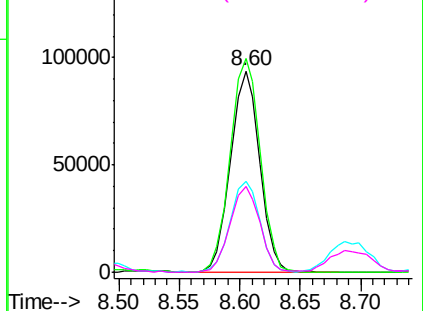
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

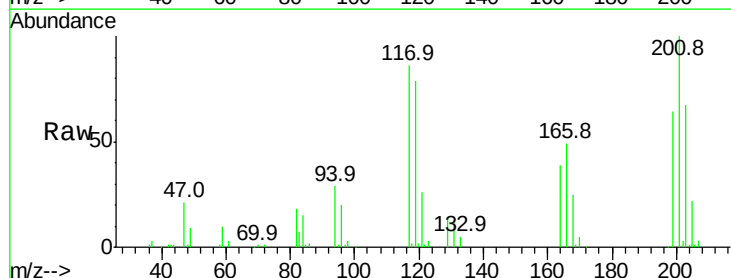
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.926 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	63915		
119	91.7	76.7	115.1	
201	116.1	95.7	143.5	

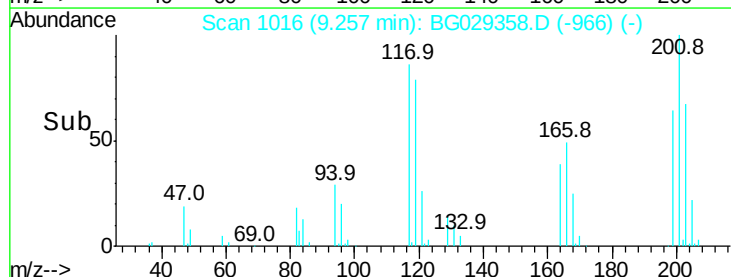
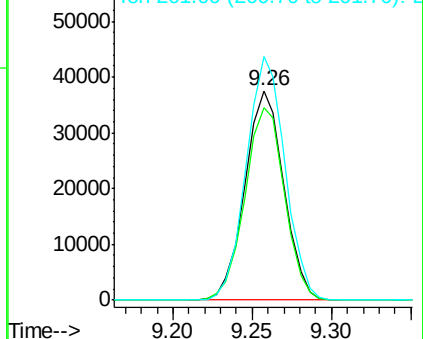


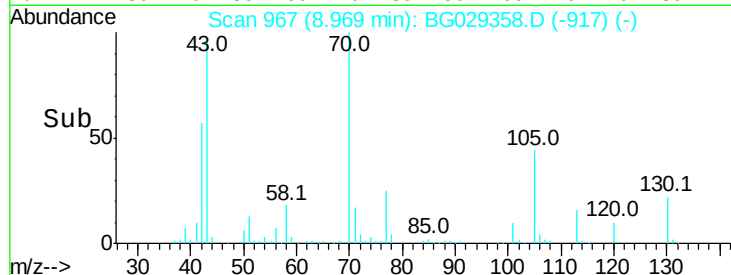
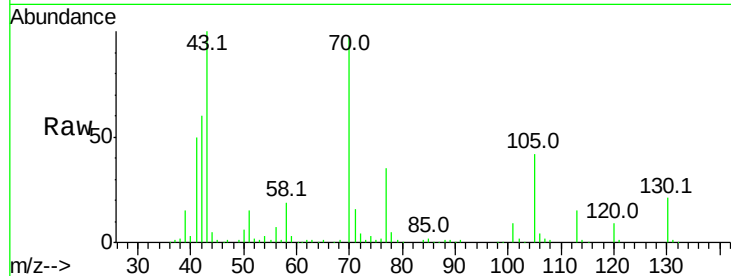
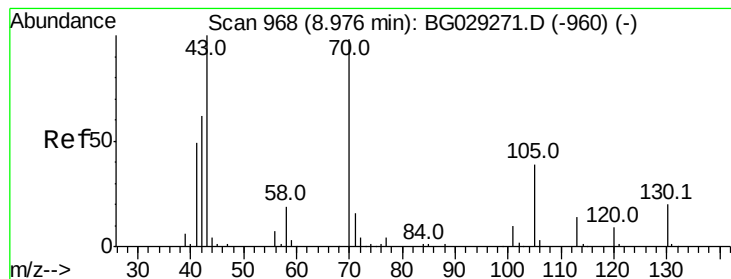
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.396 ng

RT: 8.97 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

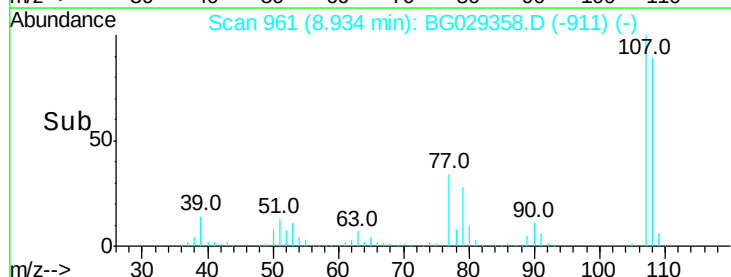
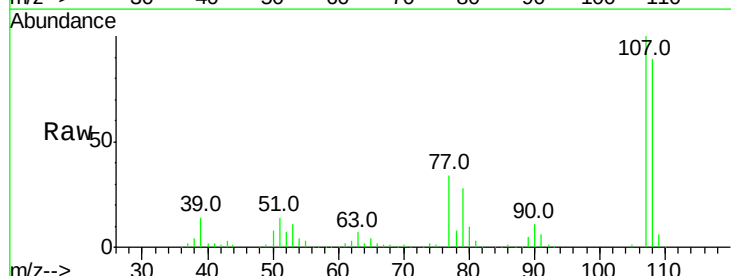
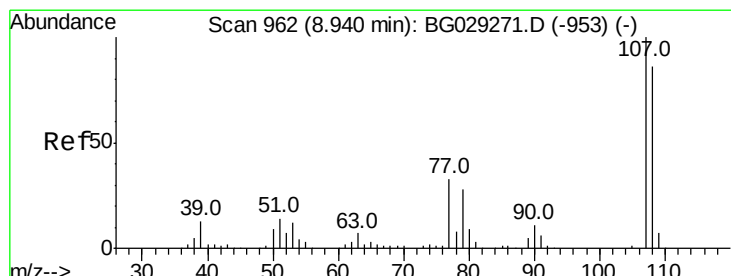
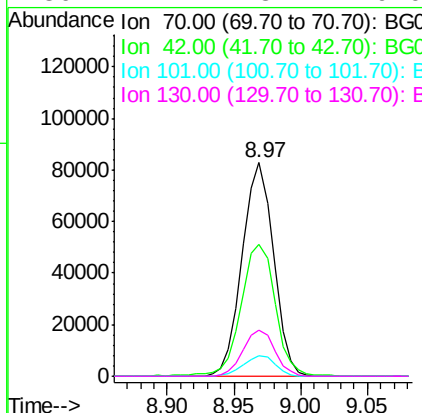
PB103373BSD

Tot Ion: 70 Resp: 134518

Ion	Ratio	Lower	Upper
70	100		
42	61.5	49.1	73.7
101	9.6	8.5	12.7
130	21.7	13.4	20.0

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#20

3+4-Methylphenols

Concen: 45.405 ng

RT: 8.93 min Scan# 961

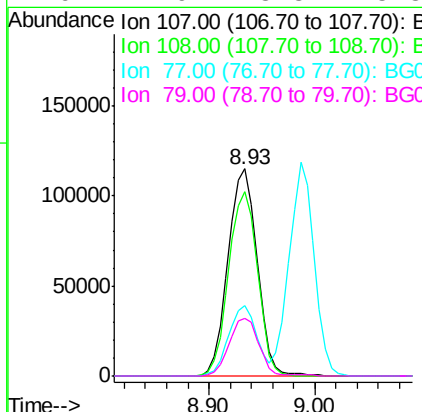
Delta R.T. -0.01 min

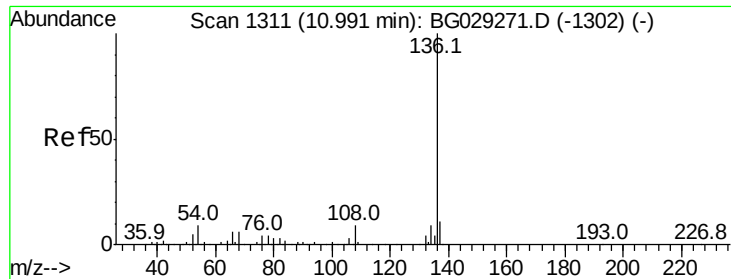
Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Tgt Ion: 107 Resp: 218969

Ion	Ratio	Lower	Upper
107	100		
108	89.2	61.6	101.6
77	34.2	13.9	53.9
79	27.9	8.8	48.8





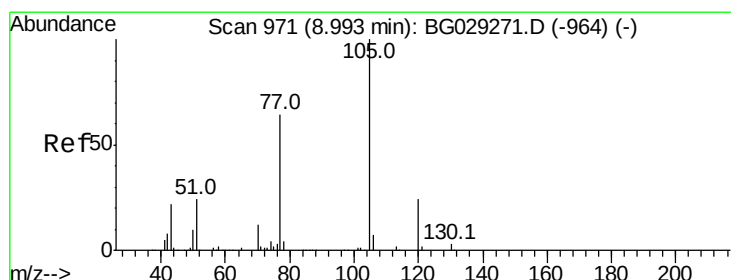
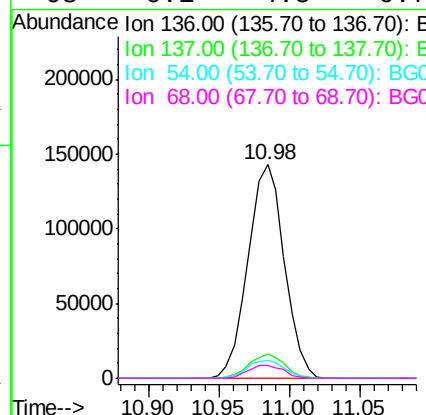
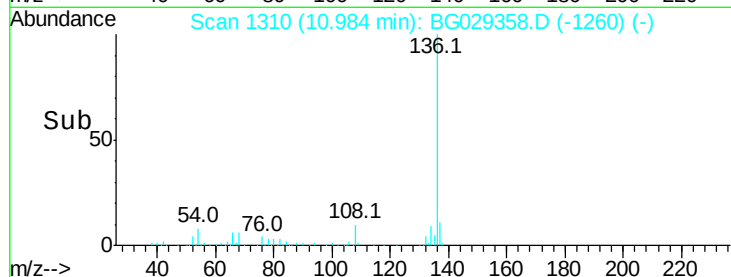
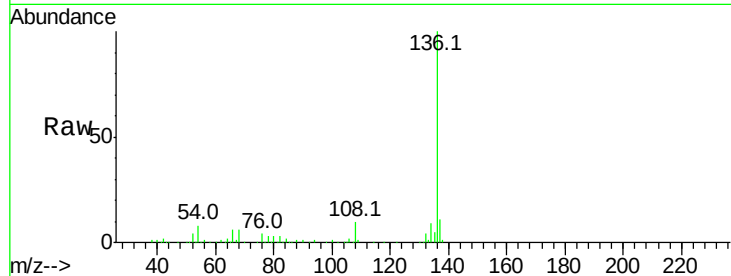
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.4	10.3	15.5#
68	6.1	4.5	6.7

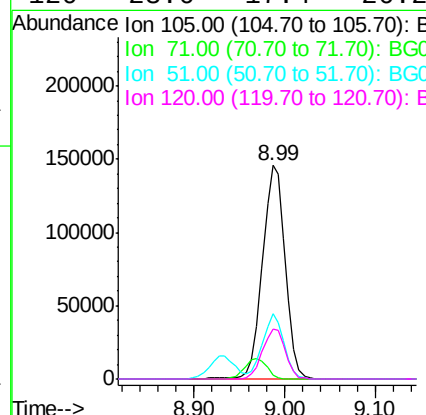
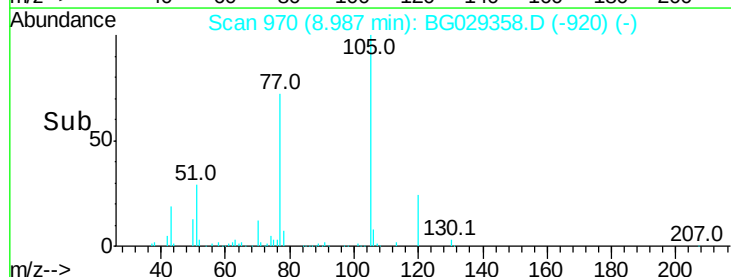
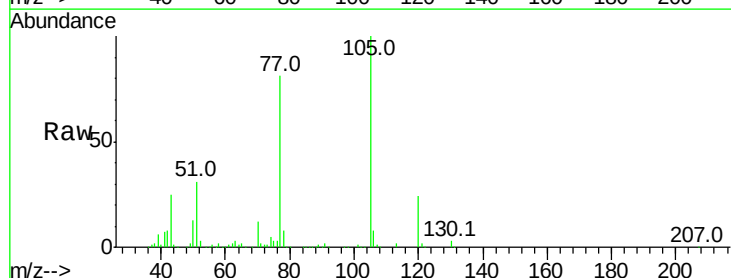
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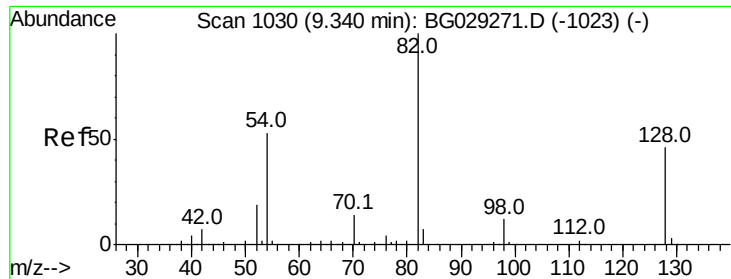
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#22
Acetophenone
Concen: 40.886 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.1	3.0	4.4#
51	30.6	26.1	39.1
120	23.6	17.4	26.2





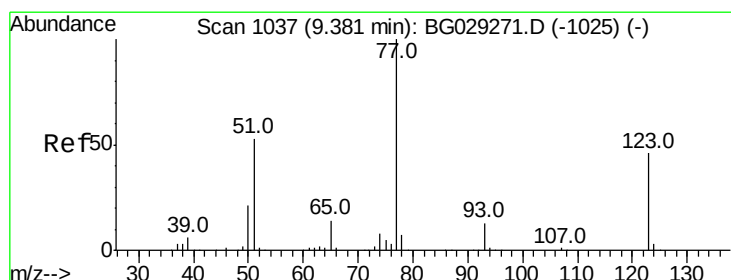
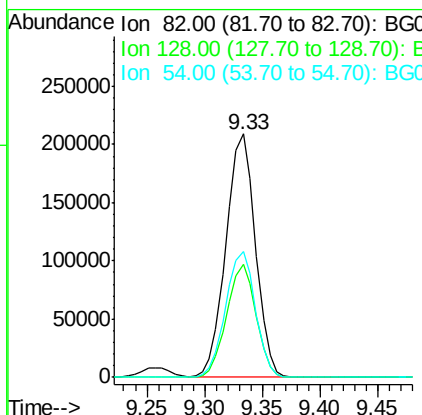
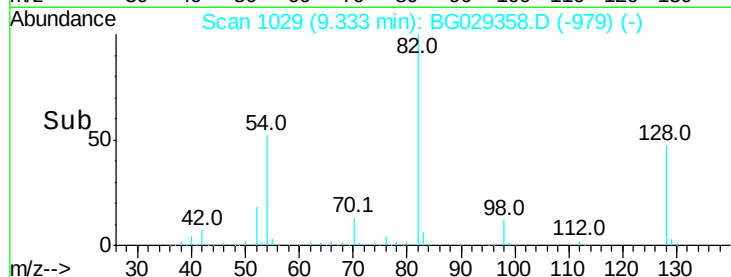
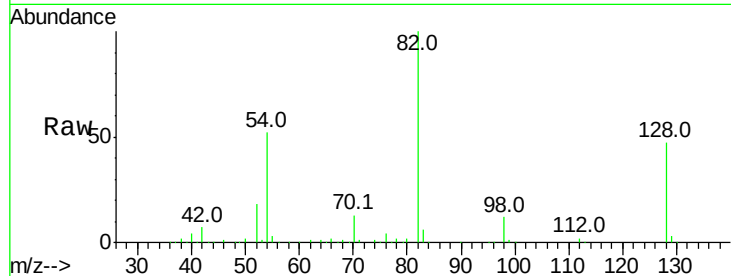
#23
Nitrobenzene-d5
Concen: 91.290 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	29.7	44.5#	
54	51.8	43.1	64.7	

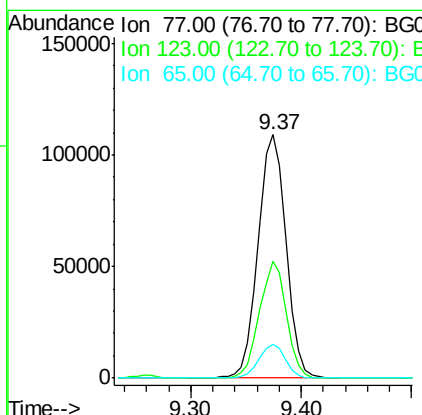
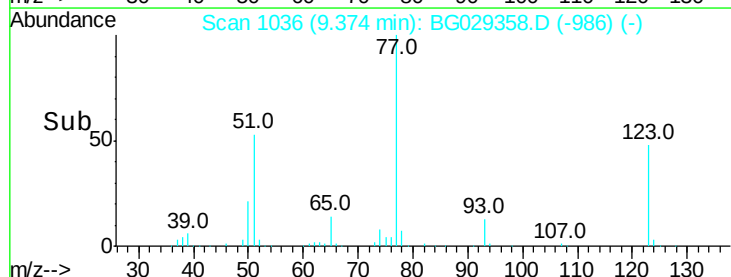
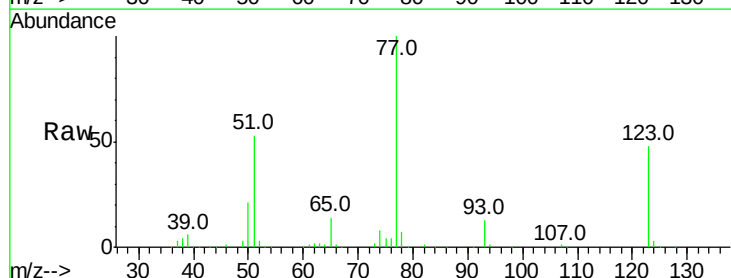
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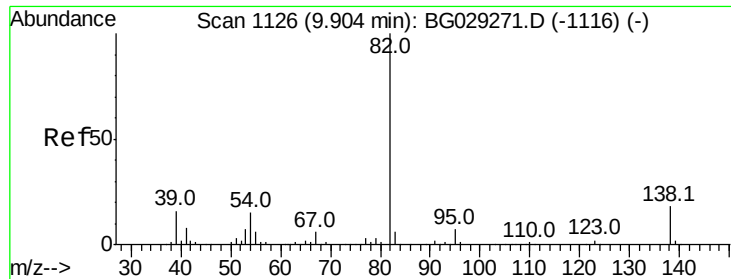
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#24
Nitrobenzene
Concen: 42.431 ng
RT: 9.37 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.1	33.0	49.6	
65	14.0	13.0	19.6	





#25

Isophorone

Concen: 44.479 ng

RT: 9.90 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

Tot Ion: 82 Resp: 377076

Ion Ratio Lower Upper

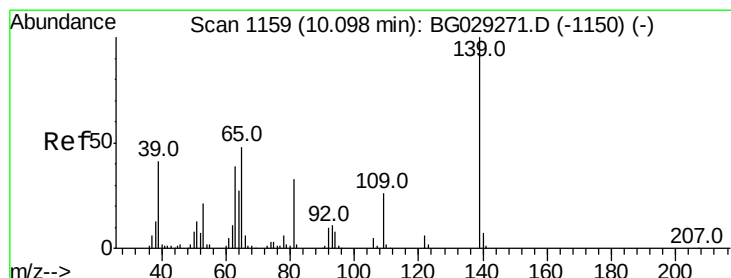
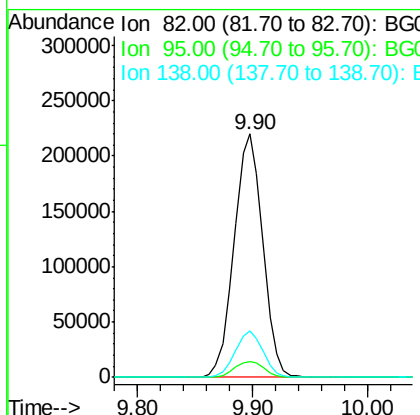
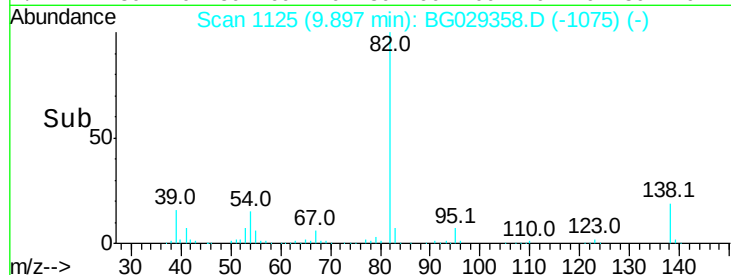
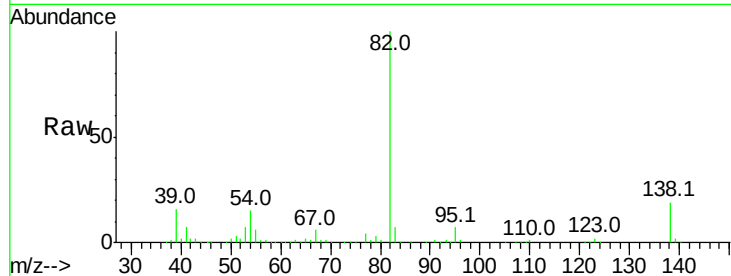
82 100

95 6.7 6.2 9.2

138 18.9 12.1 18.1#

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#26

2-Nitrophenol

Concen: 46.256 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

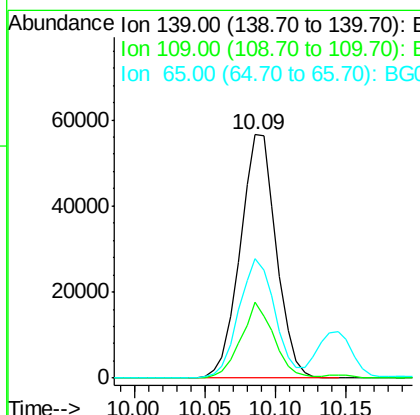
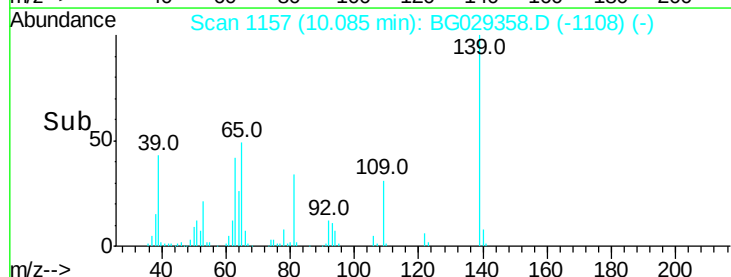
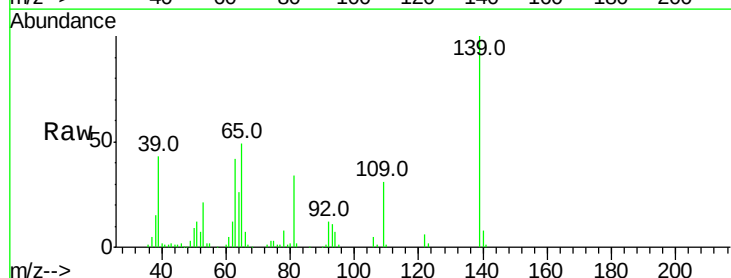
Tgt Ion: 139 Resp: 100944

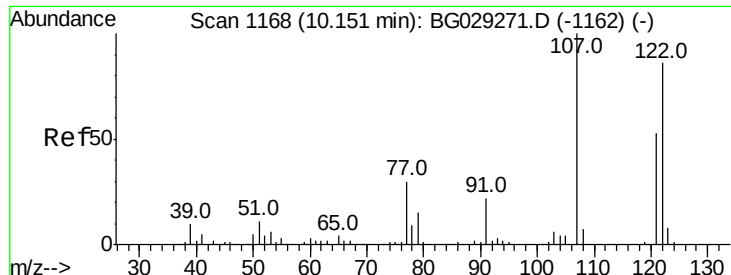
Ion Ratio Lower Upper

139 100

109 31.0 24.2 36.2

65 49.3 47.4 71.0





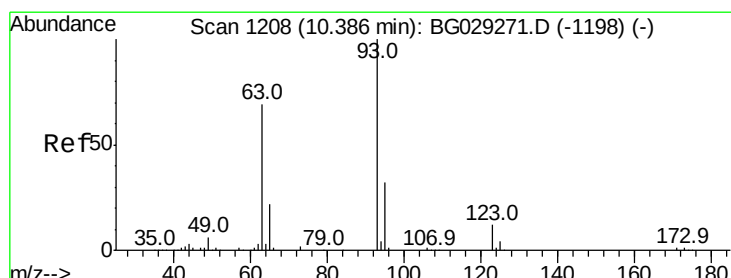
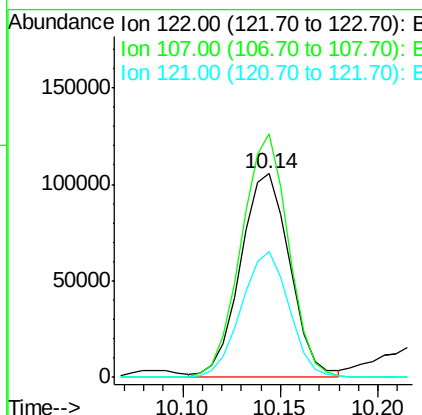
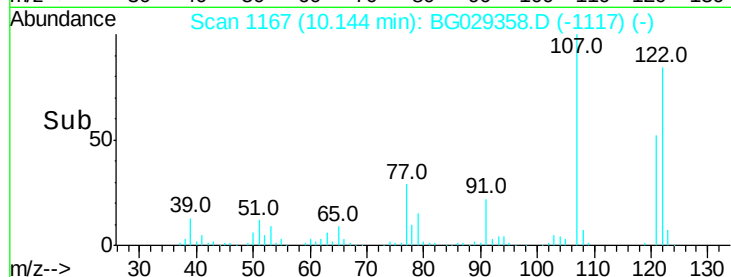
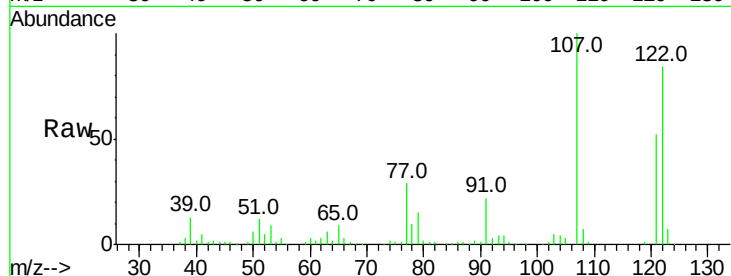
#27
 2,4-Dimethylphenol
 Concen: 46.716 ng
 RT: 10.14 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.5	100.2	150.2
121	61.6	44.4	66.6

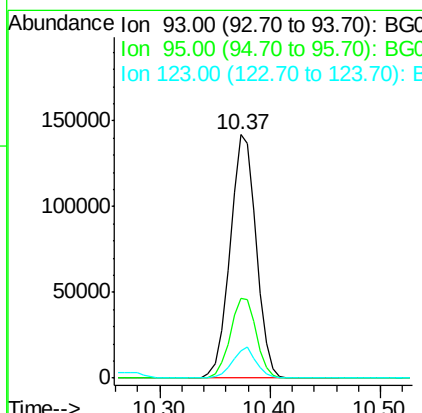
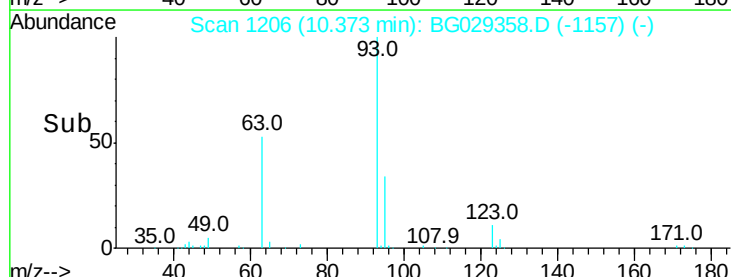
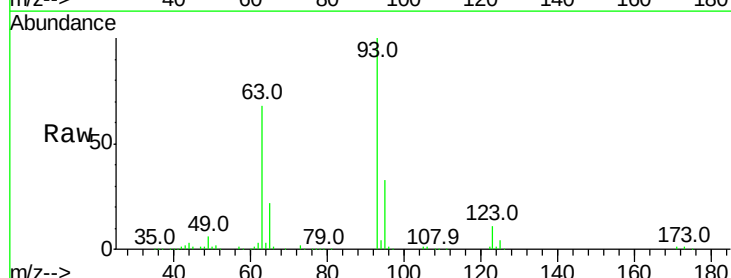
Manual Integrations
 APPROVED

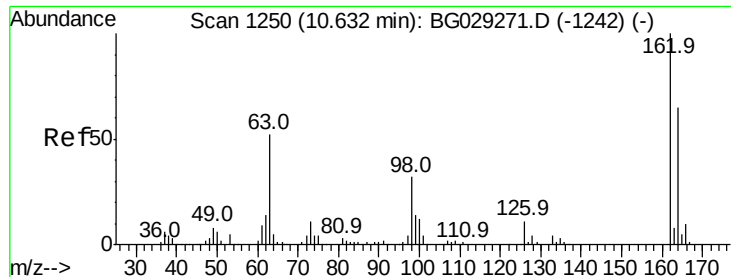
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.086 ng
 RT: 10.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	24.3	36.5
123	11.4	8.4	12.6





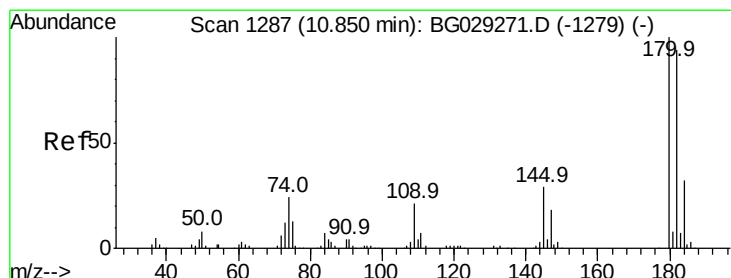
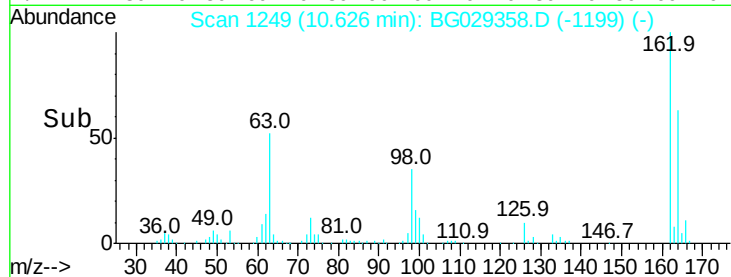
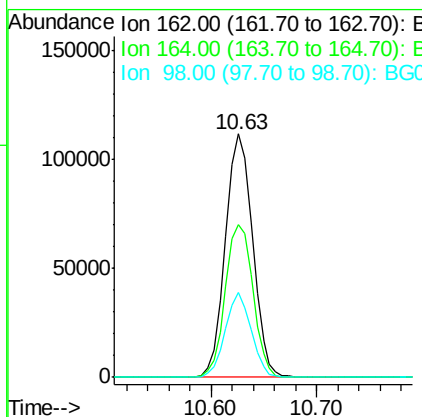
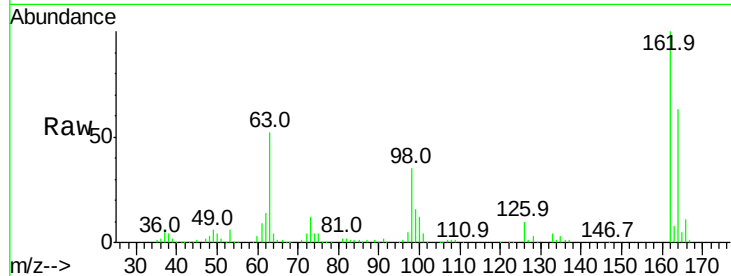
#29
 2,4-Dichlorophenol
 Concen: 47.361 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampled :
 PB103373BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.7	48.0	88.0
98	34.7	21.1	61.1

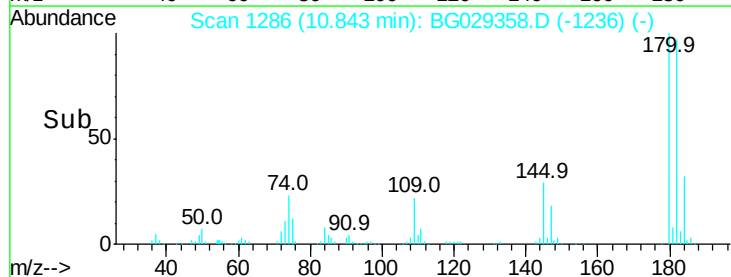
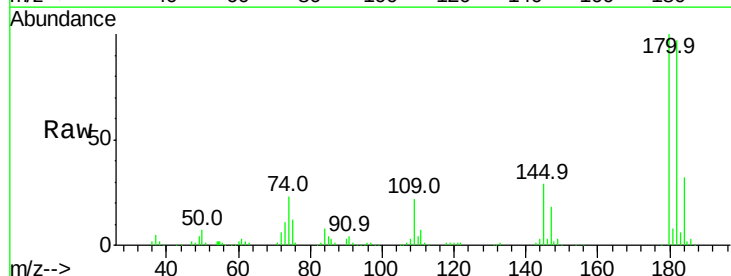
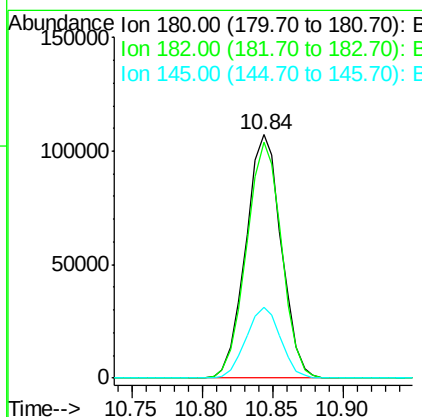
Manual Integrations
 APPROVED

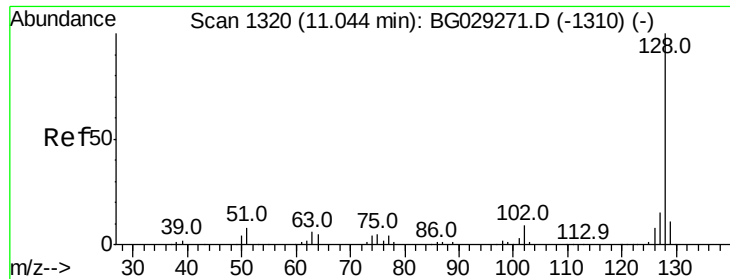
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.568 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.1	77.5	116.3
145	28.8	23.4	35.2





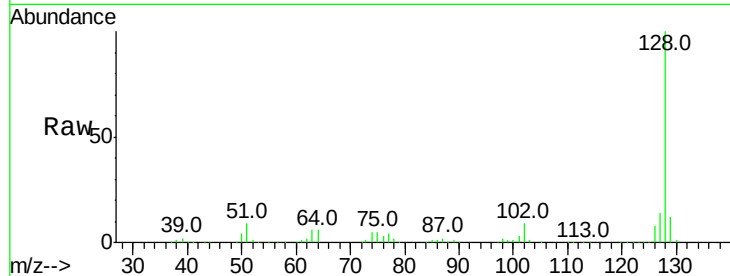
#31
Naphthalene
Concen: 41.563 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	8.6	12.8	
127	14.1	11.6	17.4	

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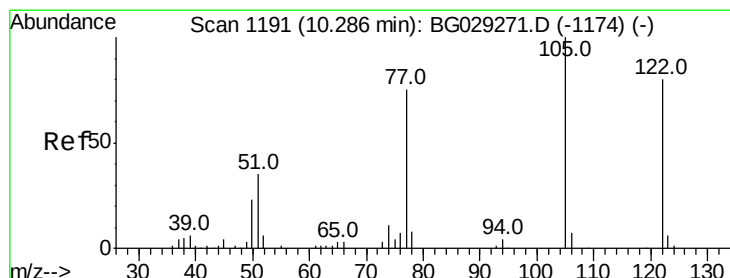
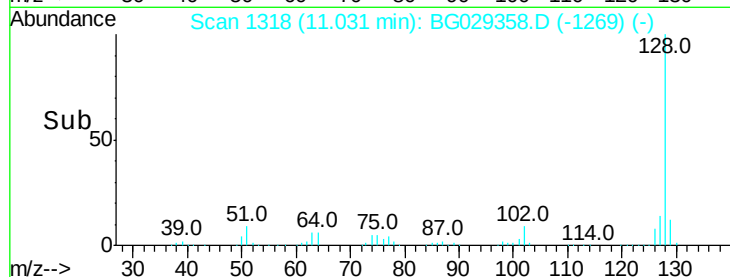
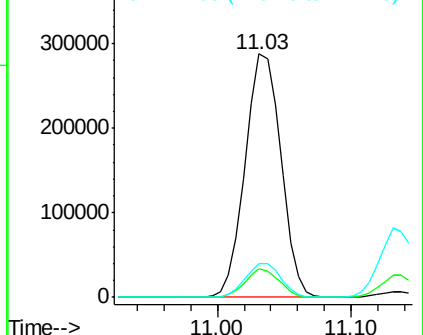


Abundance

Ion 128.00 (127.70 to 128.70): E

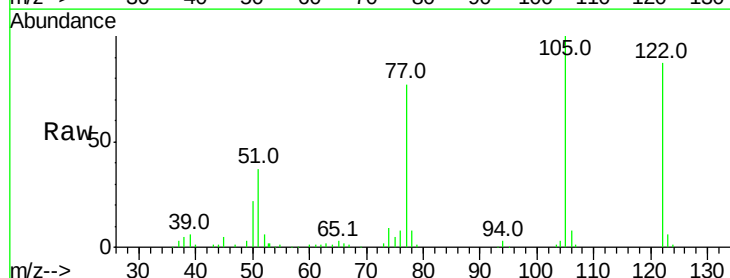
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 46.043 ng
RT: 10.27 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	114.4	123.5	163.5	#
77	87.8	85.7	125.7	

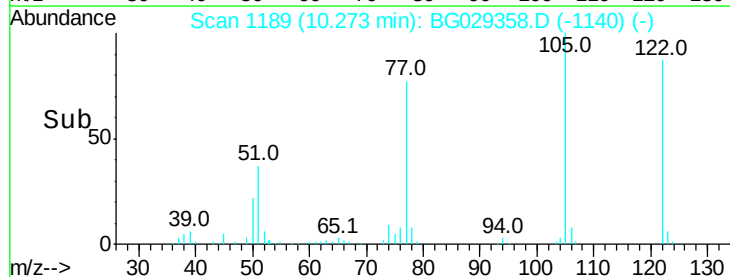
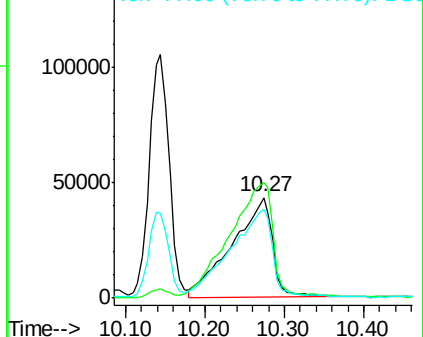


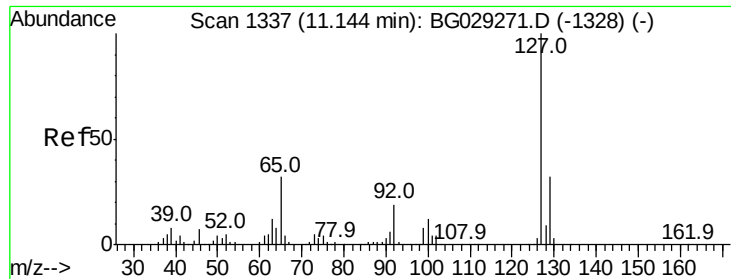
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





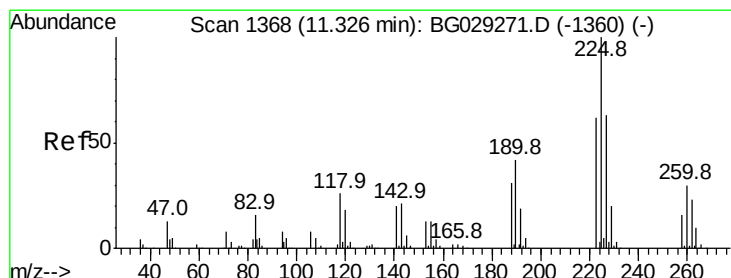
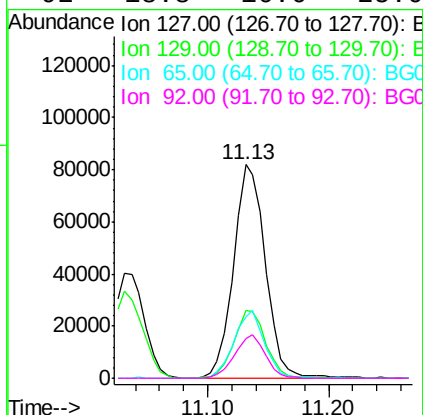
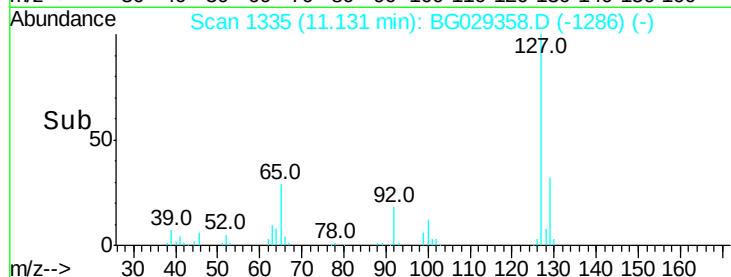
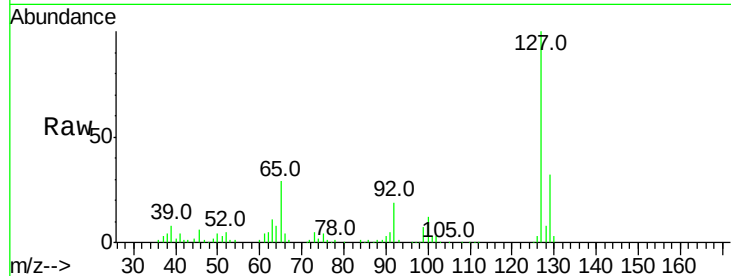
#33
4-Chloroaniline
Concen: 27.791 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	24.0	36.0
65	29.0	27.0	40.4
92	18.8	16.6	25.0

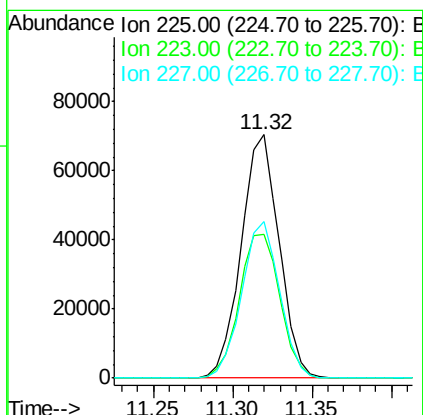
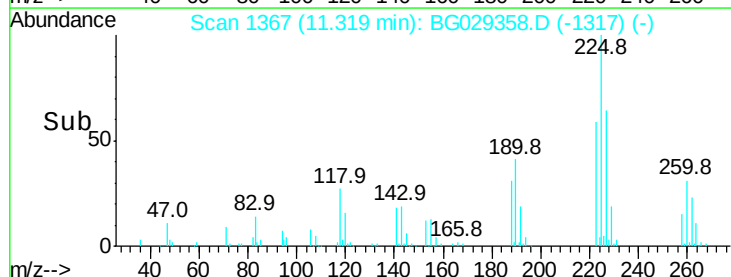
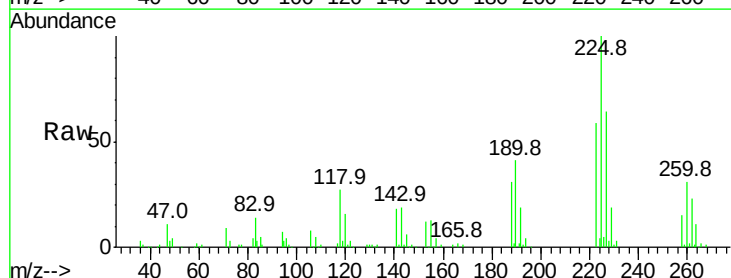
Manual Integrations
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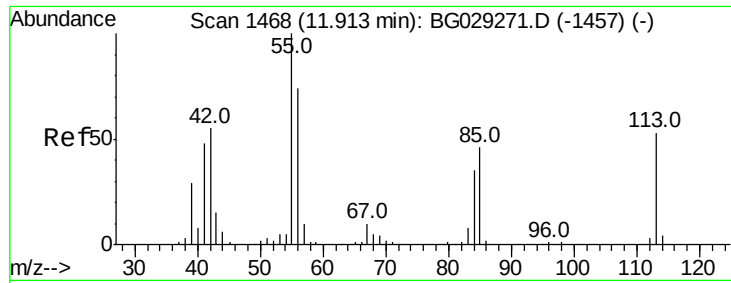
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#34
Hexachlorobutadiene
Concen: 41.315 ng
RT: 11.32 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.2	49.7	74.5
227	64.4	48.1	72.1





#35

Caprolactam

Concen: 54.122 ng/ml

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

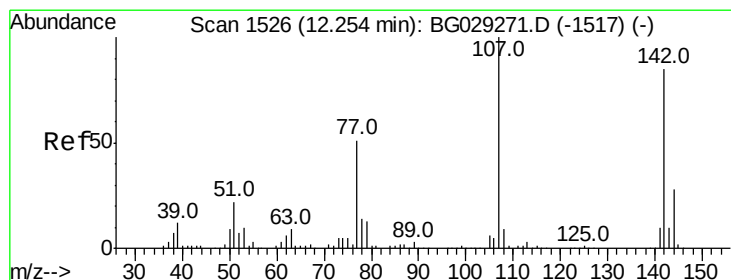
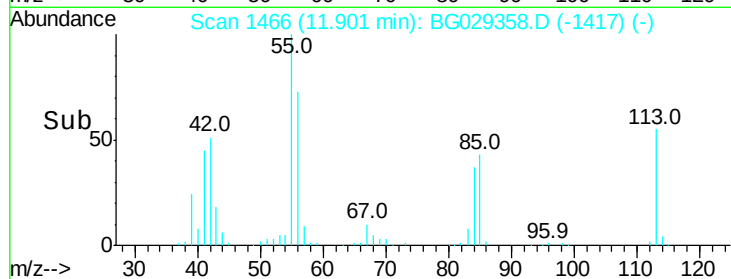
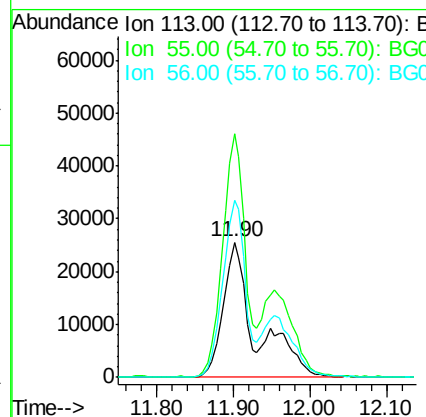
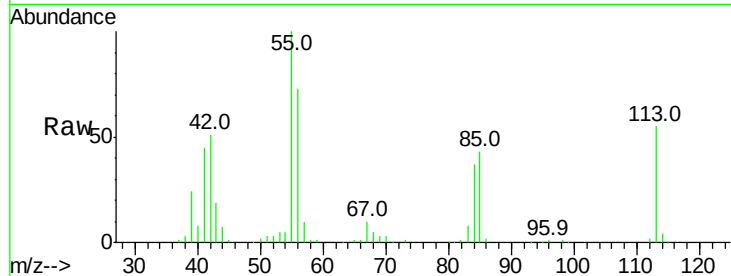
PB103373BSD

Tot Ion:113 Resp: 75733

Ion	Ratio	Lower	Upper
113	100		
55	180.6	186.9	226.9#
56	131.2	130.9	170.9

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 46.105 ng/ml

RT: 12.25 min Scan# 1525

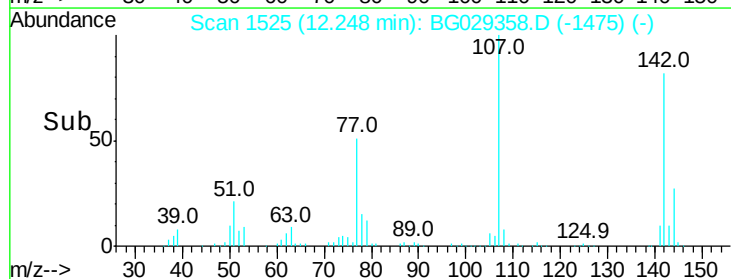
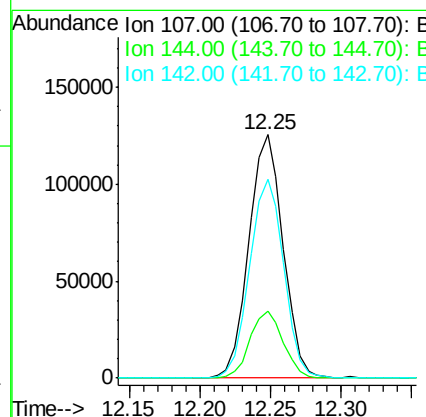
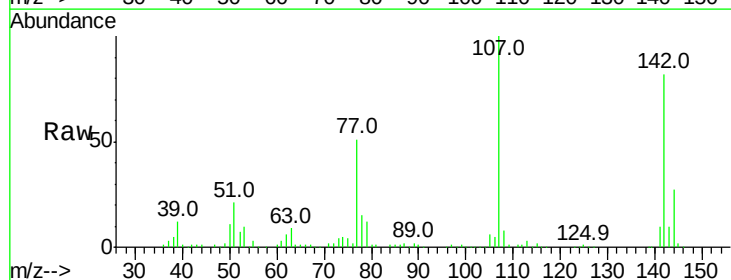
Delta R.T. -0.01 min

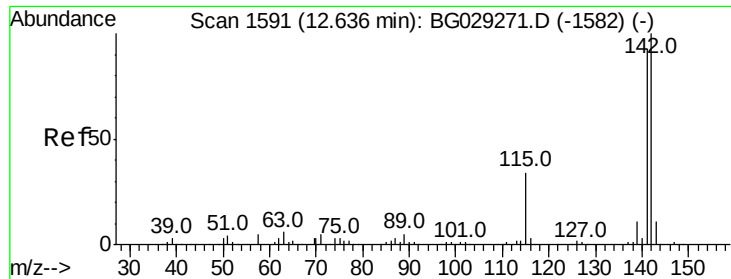
Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Tgt Ion:107 Resp: 213505

Ion	Ratio	Lower	Upper
107	100		
144	27.5	18.2	27.4#
142	81.6	59.0	88.4





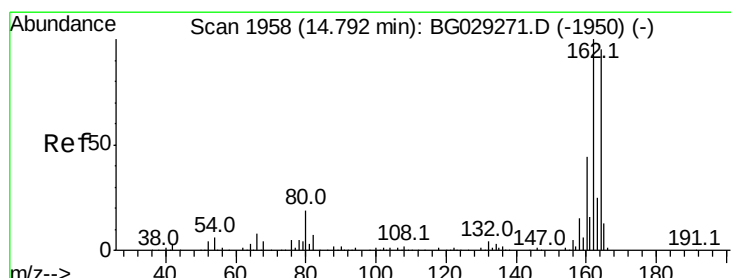
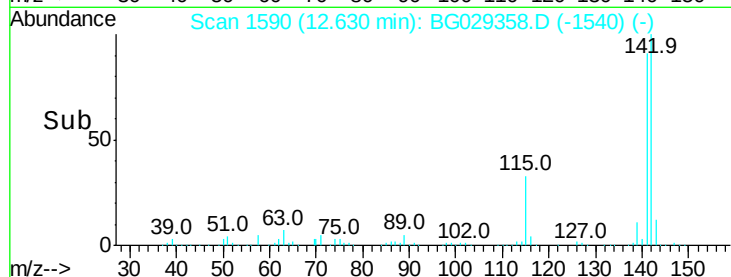
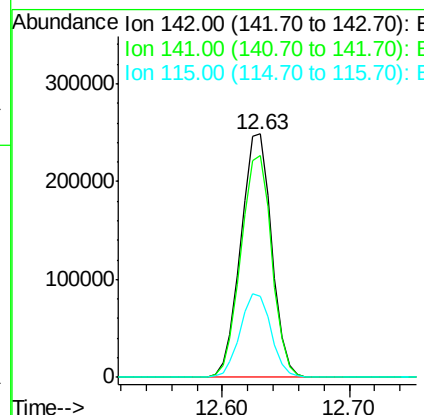
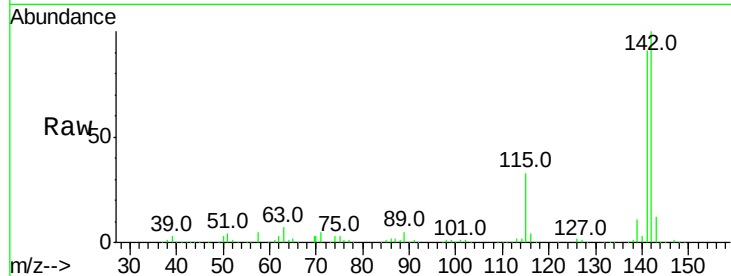
#37
2-Methylnaphthalene
Concen: 44.591 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	67.1	100.7
115	33.3	30.7	46.1

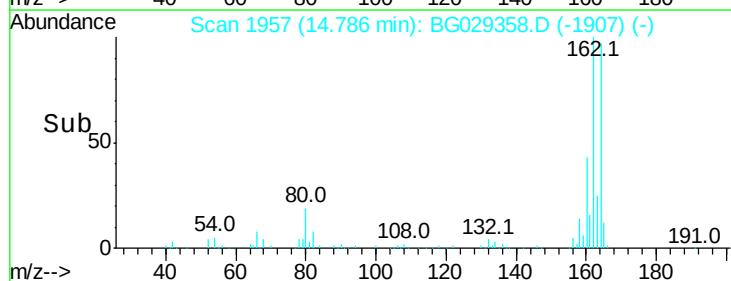
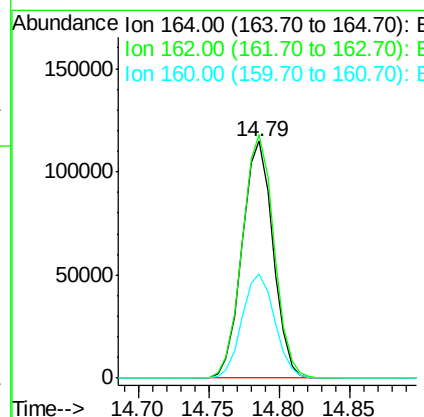
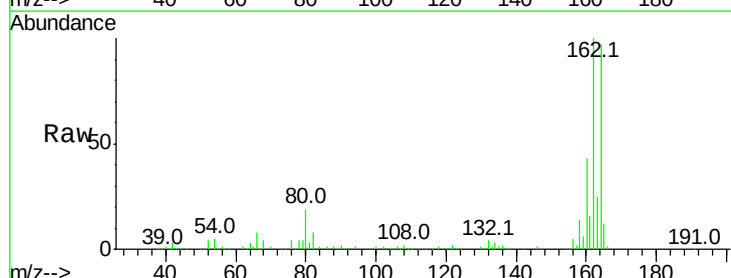
Manual Integrations
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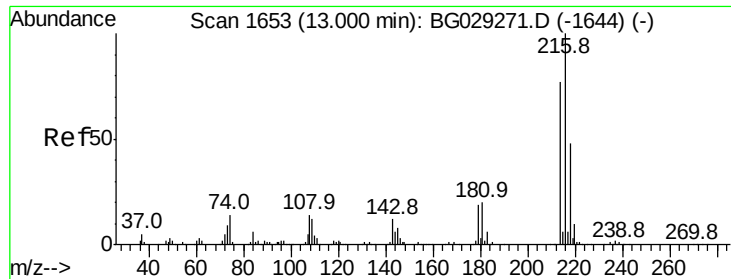
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	44.0	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.995 ng

RT: 12.99 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

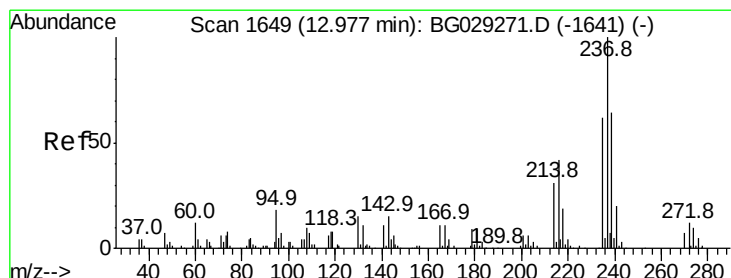
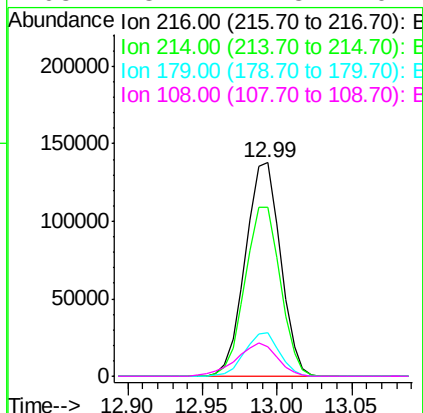
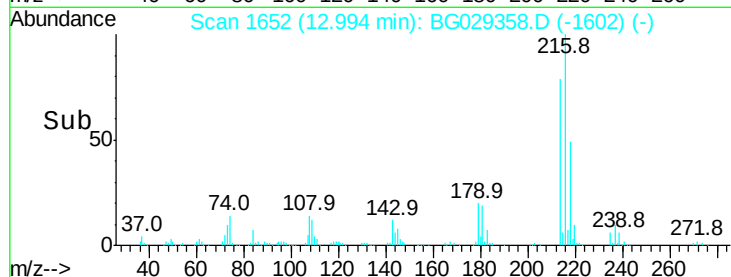
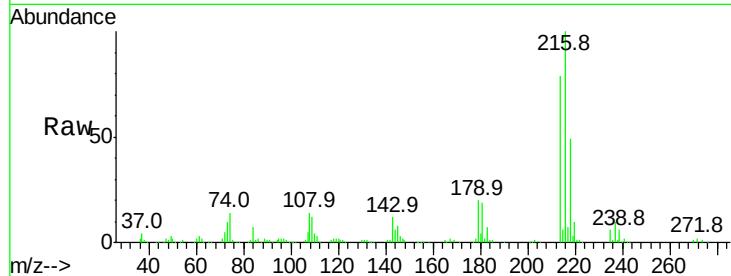
ClientSampleId :

PB103373BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	224975		
214	79.6	63.0	94.4	
179	19.9	17.0	25.6	
108	18.1	12.8	19.2	

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#40

Hexachlorocyclopentadiene

Concen: 121.809 ng

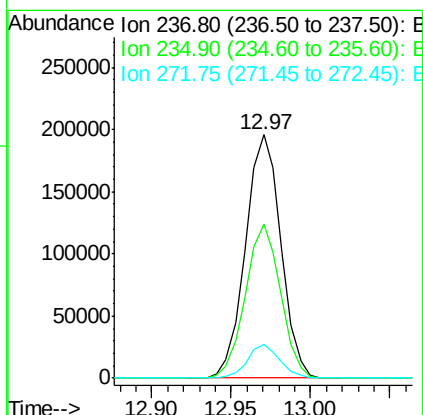
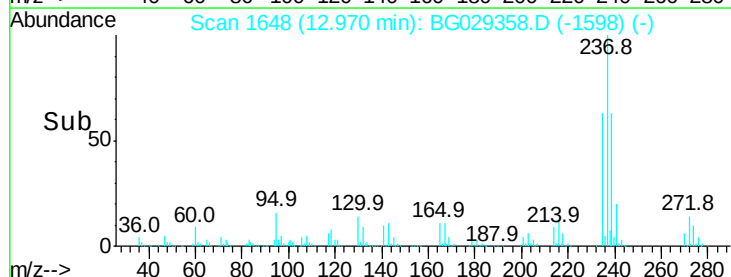
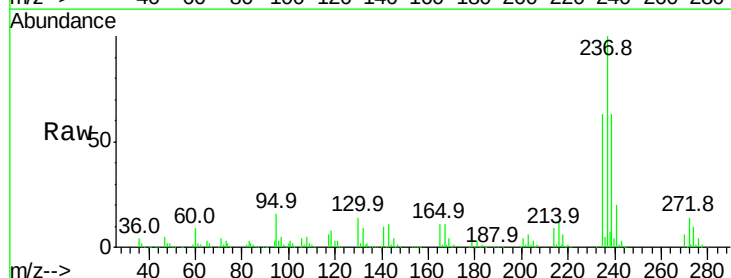
RT: 12.97 min Scan# 1648

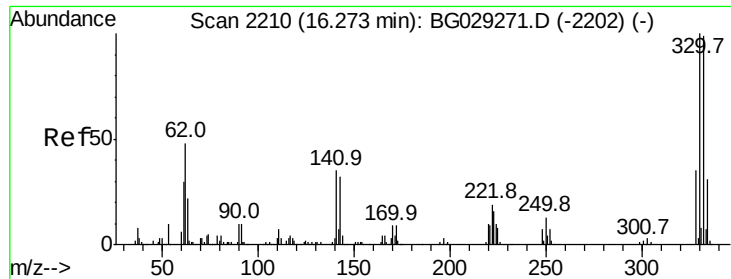
Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	302951		
235	63.3	50.4	90.4	
272	13.6	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 103.431 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

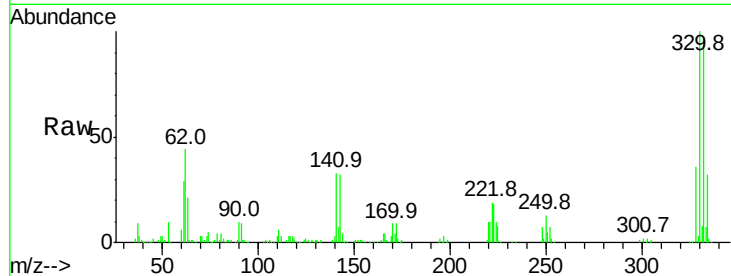
ClientSampleId :

PB103373BSD

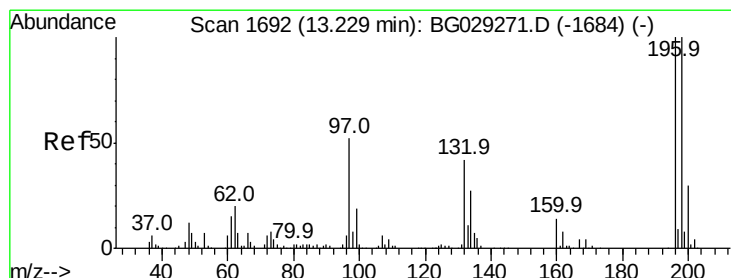
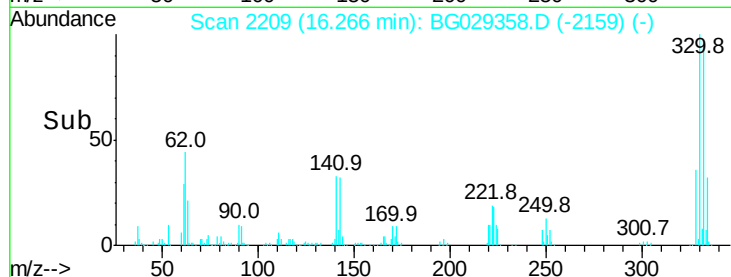
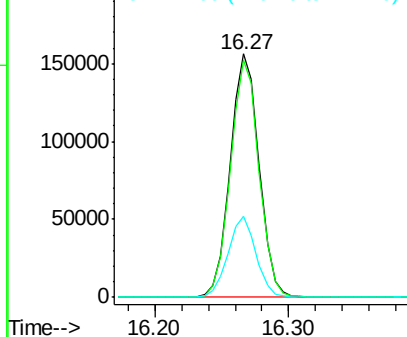
Tot Ion:	330	Resp:	235143
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.0	115.6
141	32.7	25.2	37.8

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 43.313 ng

RT: 13.22 min Scan# 1691

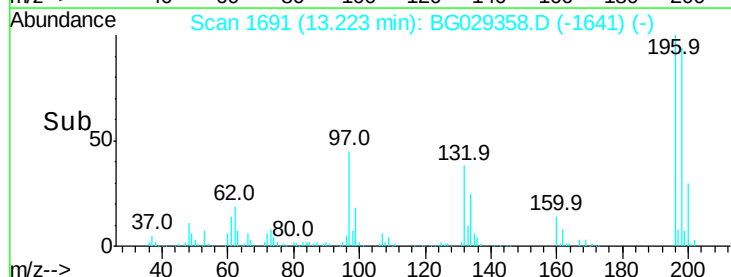
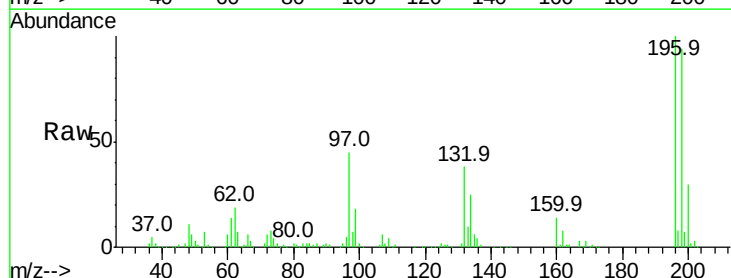
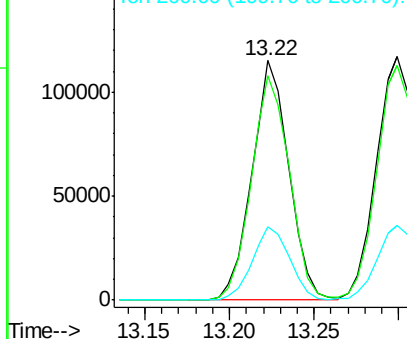
Delta R.T. -0.01 min

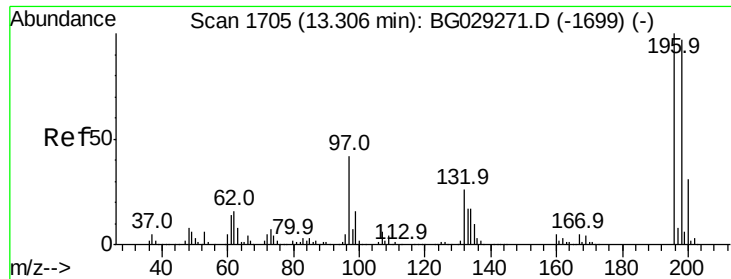
Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Tgt Ion:	196	Resp:	174802
Ion Ratio	Lower	Upper	
196	100		
198	93.6	78.2	117.2
200	30.4	24.6	36.8

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





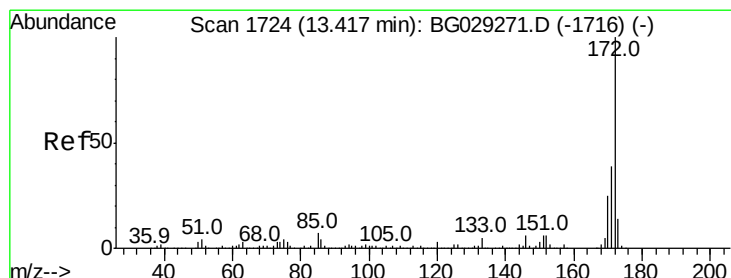
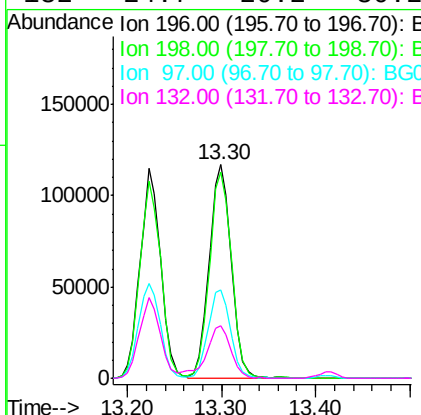
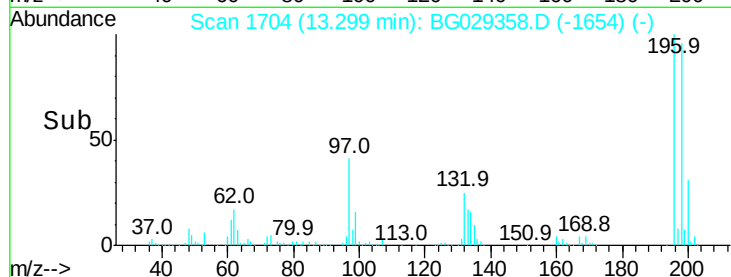
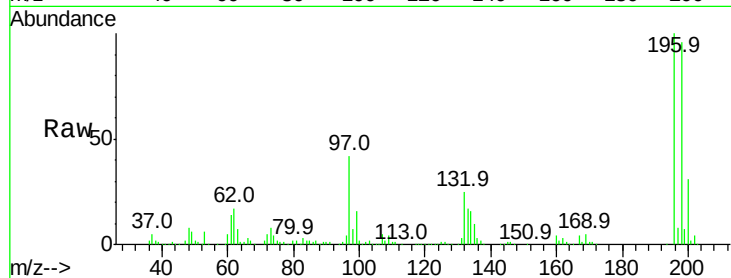
#43
 2,4,5-Trichlorophenol
 Concen: 46.631 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion:	196	Resp:	193270
Ion Ratio	Lower	Upper	
196	100		
198	96.3	76.2	114.4
97	41.5	38.7	58.1
132	24.7	20.2	30.2

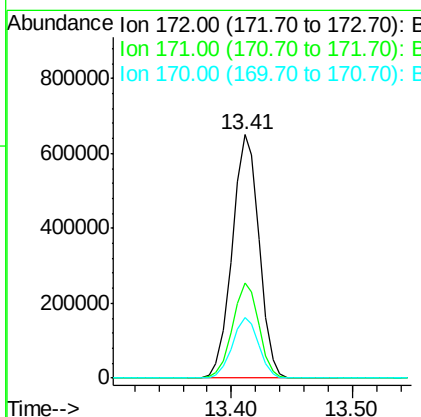
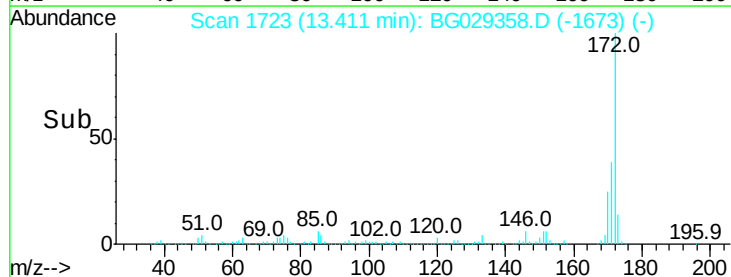
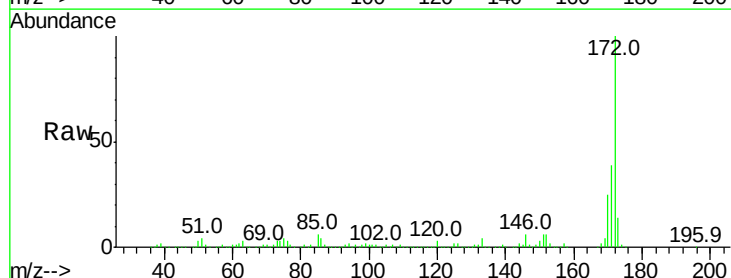
Manual Integrations
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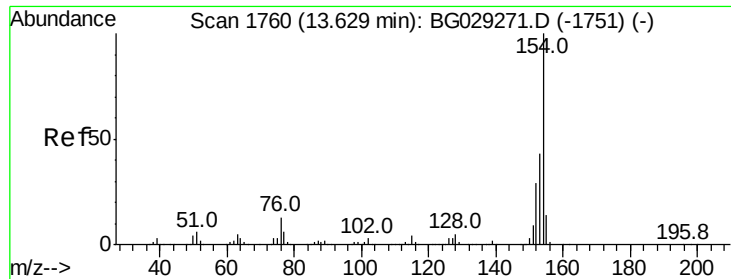
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 83.777 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion:	172	Resp:	1005812
Ion Ratio	Lower	Upper	
172	100		
171	38.8	30.0	45.0
170	24.8	19.5	29.3





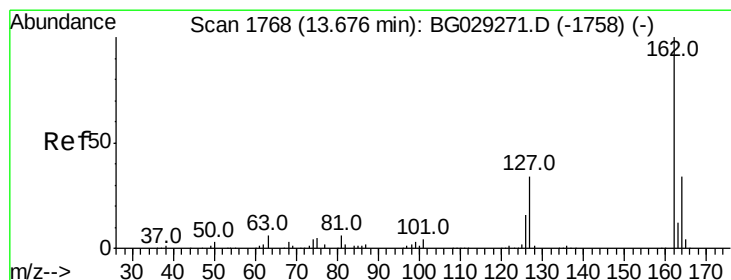
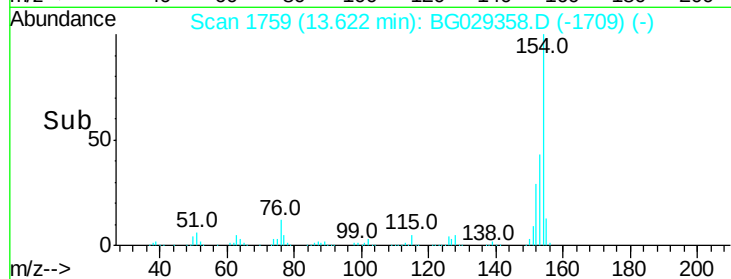
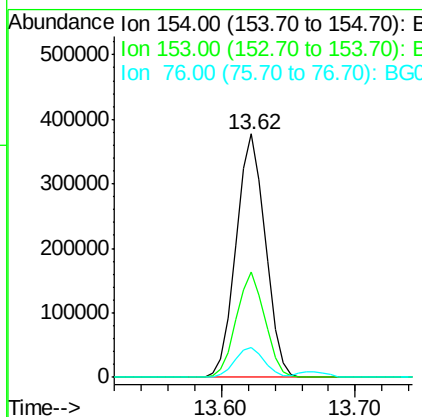
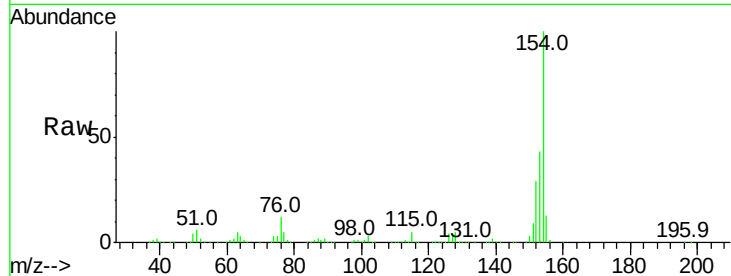
#45
 1,1'-Biphenyl
 Concen: 37.814 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100	572311		
153	43.1	19.8	59.8	
76	12.3	0.0	31.9	

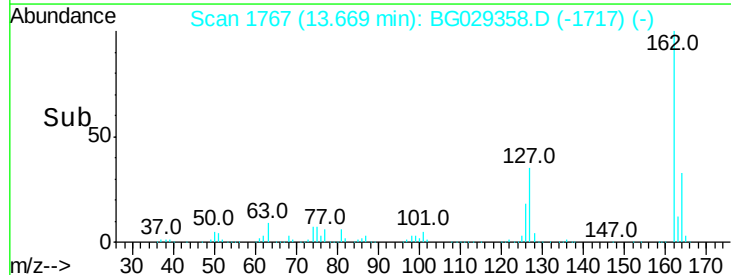
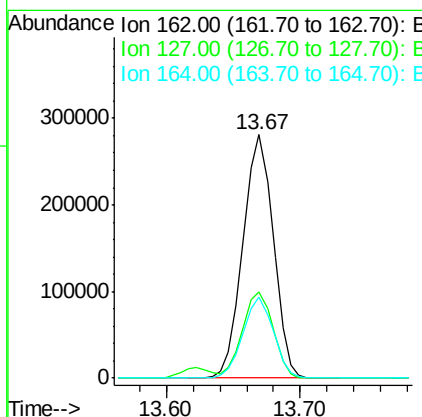
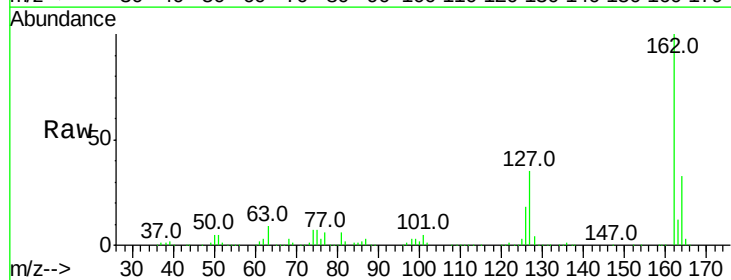
Manual Integrations
 APPROVED

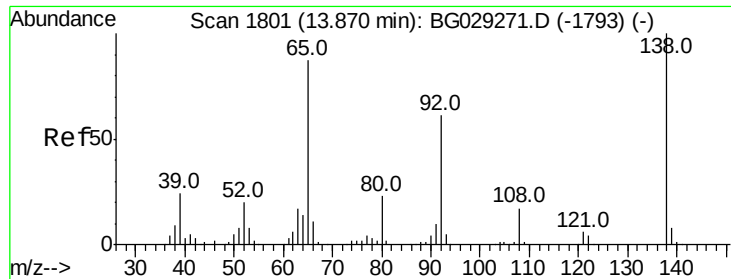
Sohil
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#46
 2-Chloronaphthalene
 Concen: 40.086 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	442535		
127	35.4	30.7	46.1	
164	33.4	26.0	39.0	





#47

2-Nitroaniline

Concen: 47.940 ng

RT: 13.86 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

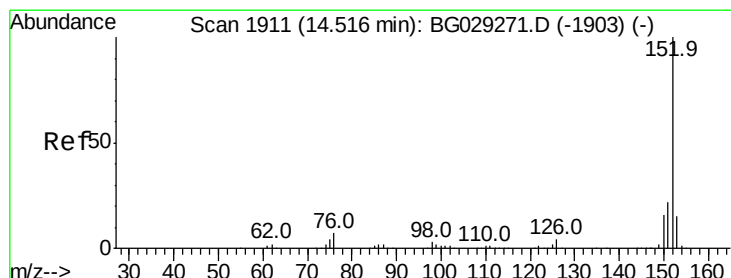
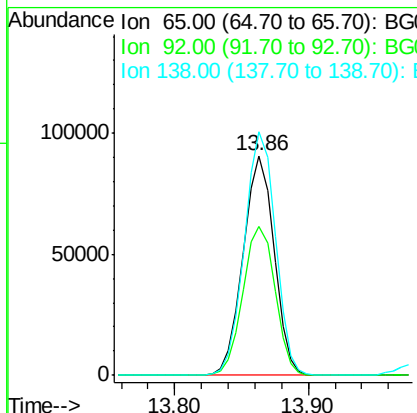
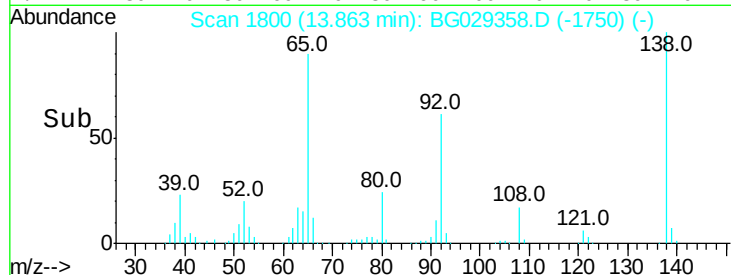
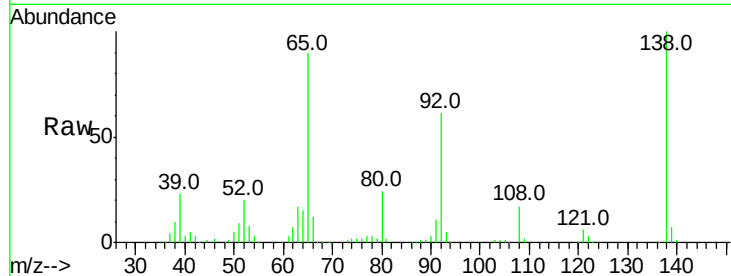
ClientSampleId :

PB103373BSD

Tot Ion:	65	Resp:	145367
Ion Ratio	Lower	Upper	
65	100		
92	68.0	54.6	82.0
138	111.0	72.9	109.3#

Manual Integrations
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#48

Acenaphthylene

Concen: 41.228 ng

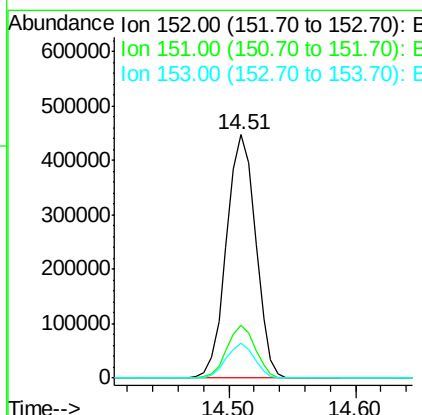
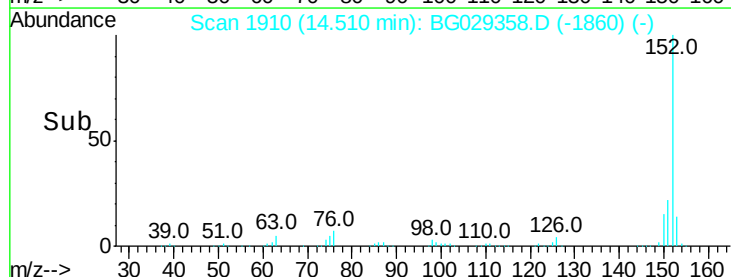
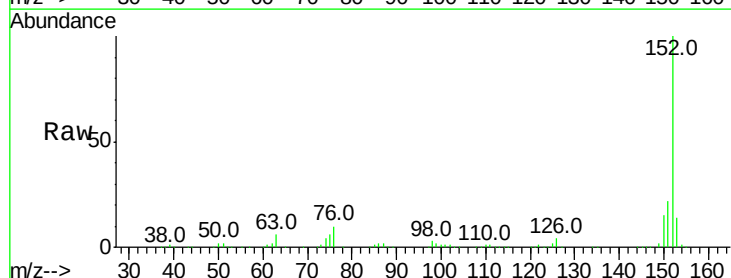
RT: 14.51 min Scan# 1910

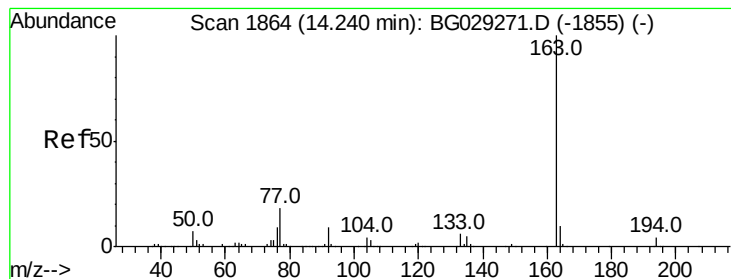
Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Tgt Ion:	152	Resp:	712328
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.2	25.8
153	14.4	10.2	15.4





#49

Dimethylphthalate

Concen: 44.665 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

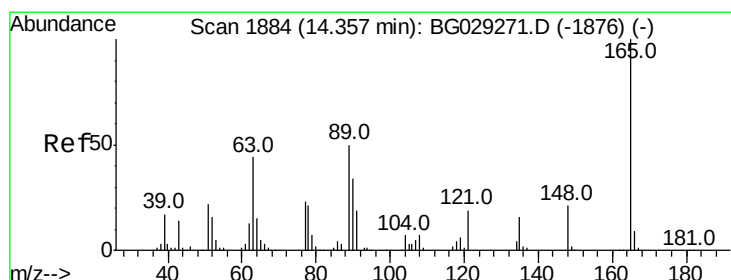
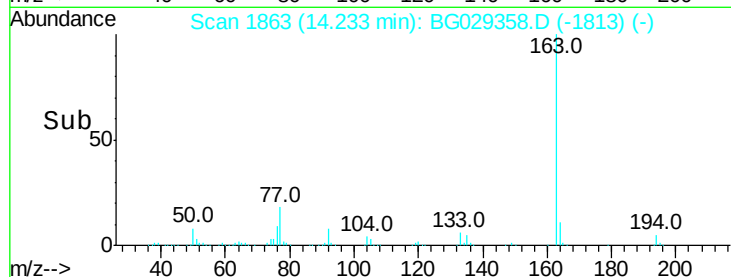
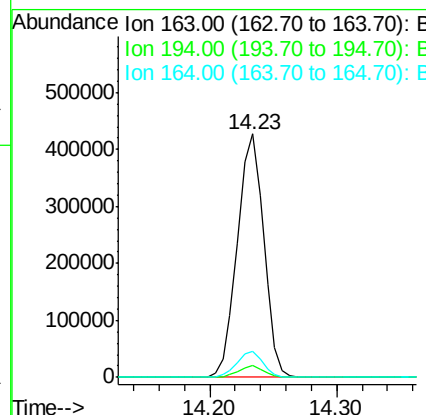
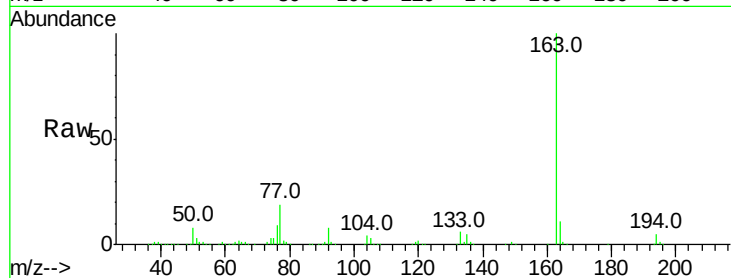
ClientSampled :

PB103373BSD

Tot Ion:	163	Resp:	613627
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.4	5.2
164	10.9	8.2	12.4

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 48.533 ng

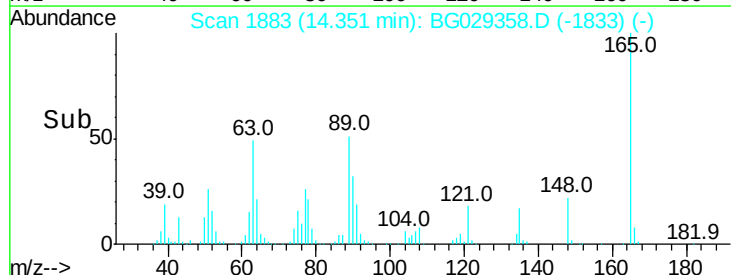
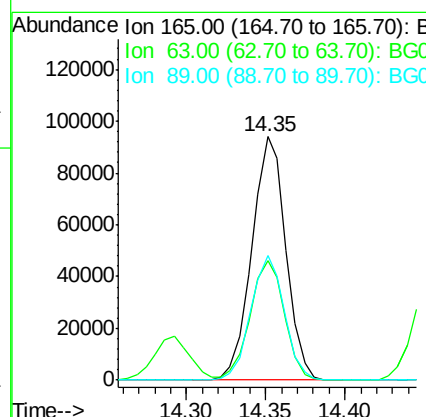
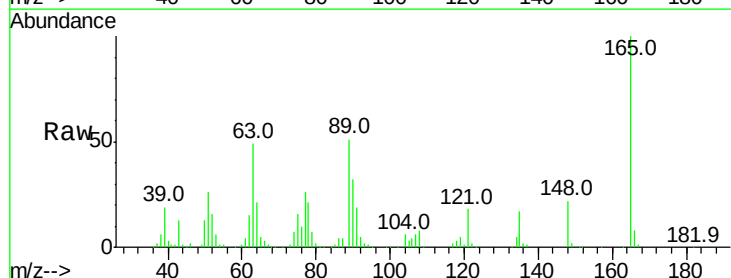
RT: 14.35 min Scan# 1883

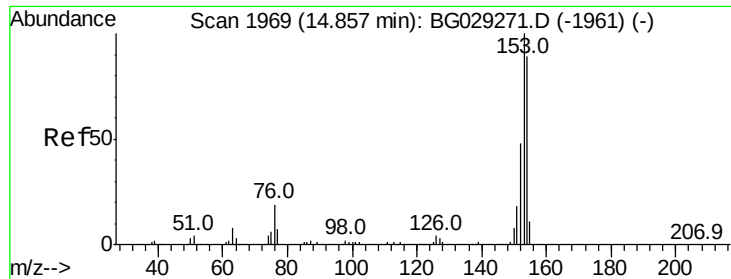
Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Tgt Ion:	165	Resp:	139776
Ion Ratio	Lower	Upper	
165	100		
63	49.2	52.7	79.1#
89	51.0	49.2	73.8





#51

Acenaphthene

Concen: 39.197 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

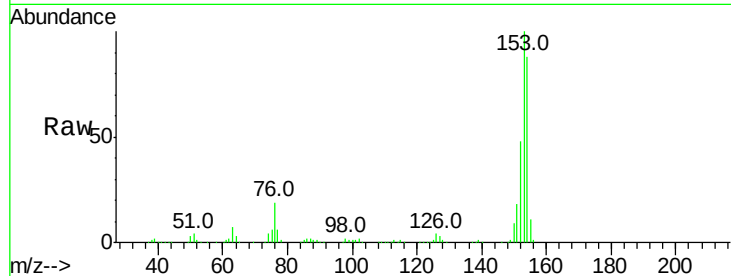
ClientSampleId :

PB103373BSD

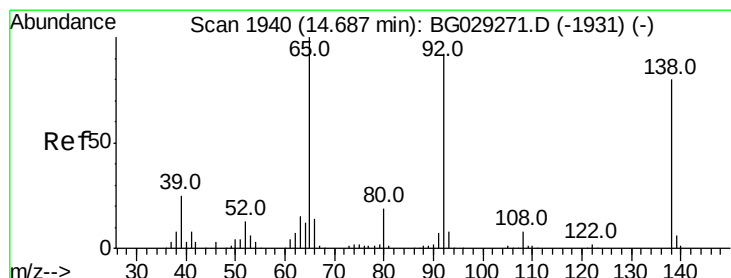
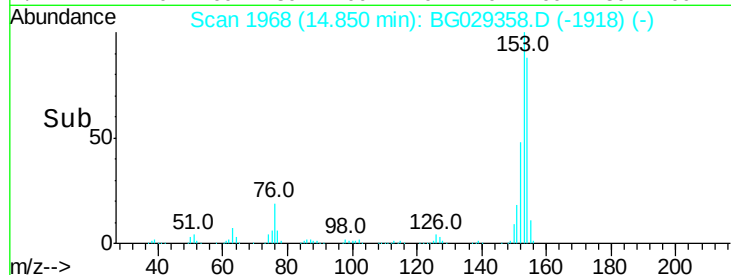
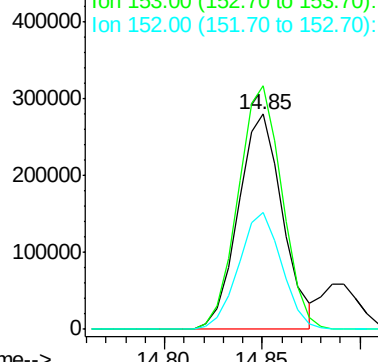
Tot Ion:	154	Resp:	440635
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.4	135.6
152	54.1	41.6	62.4

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.243 ng

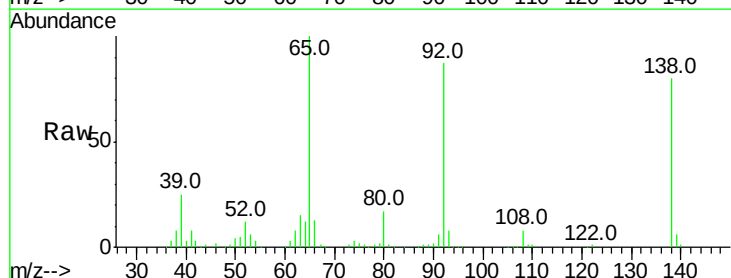
RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

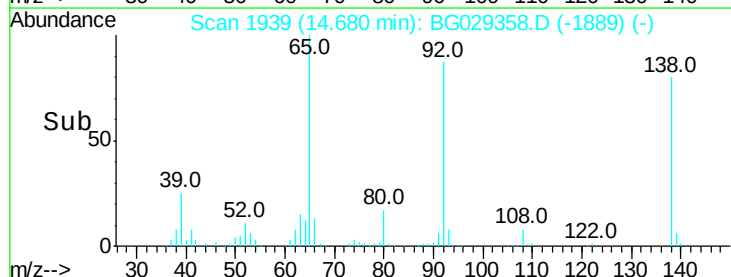
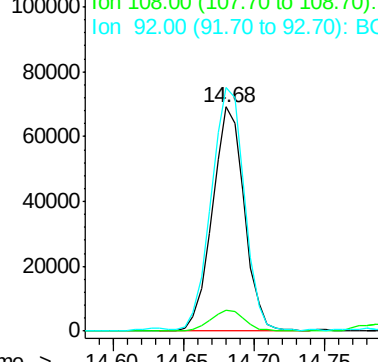
Lab File: BG029358.D

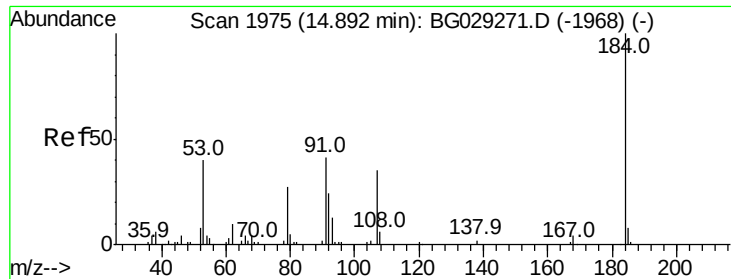
Acq: 19 Oct 2017 9:05

Tgt Ion:	138	Resp:	109526
Ion Ratio	Lower	Upper	
138	100		
108	9.6	17.5	26.3#
92	108.7	105.8	158.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG





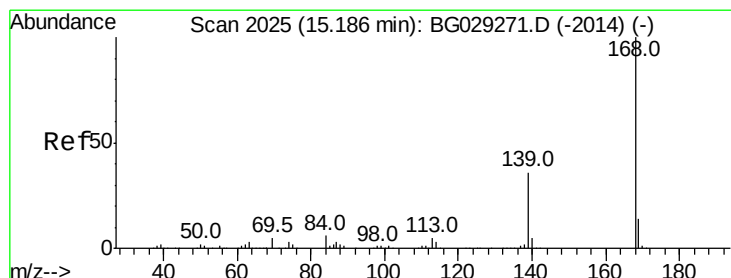
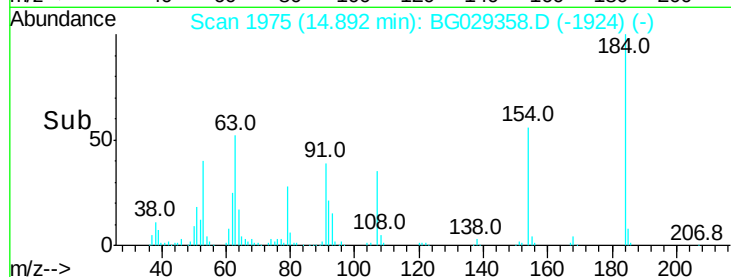
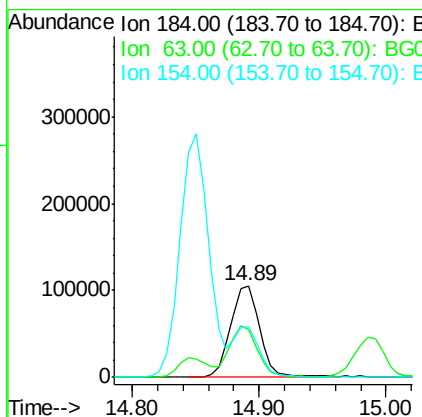
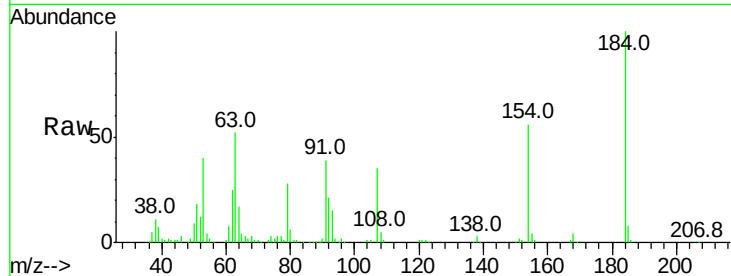
#53
 2,4-Dinitrophenol
 Concen: 103.726 ng
 RT: 14.89 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.1	59.8	89.8#
154	55.7	101.8	152.8#

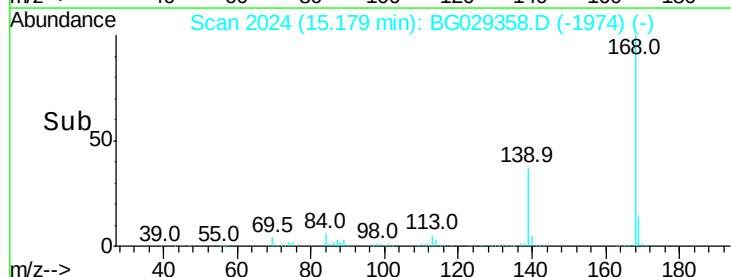
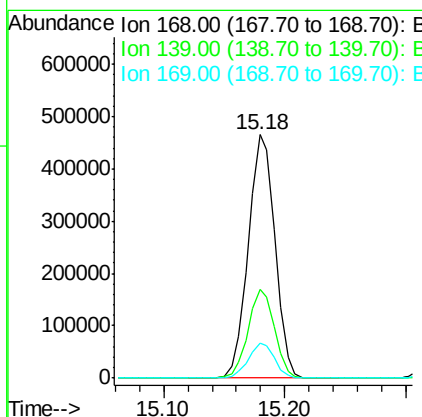
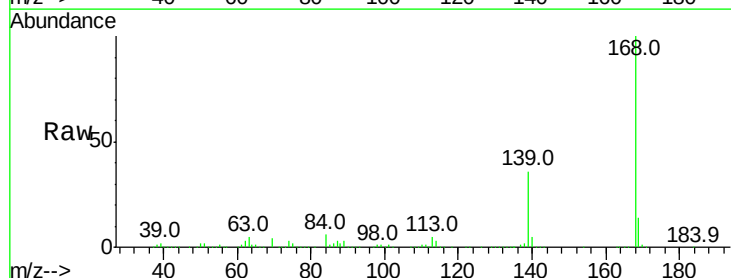
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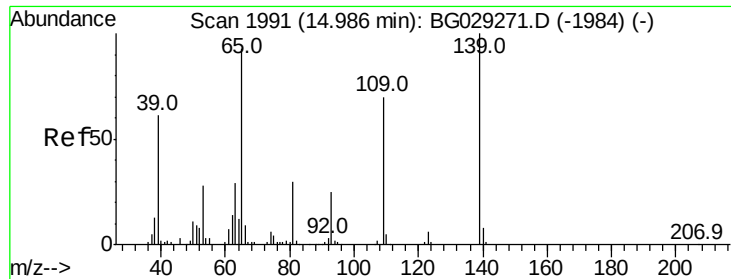
Sohil
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#54
 Dibenzofuran
 Concen: 44.703 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.5	28.6	43.0
169	14.4	11.2	16.8





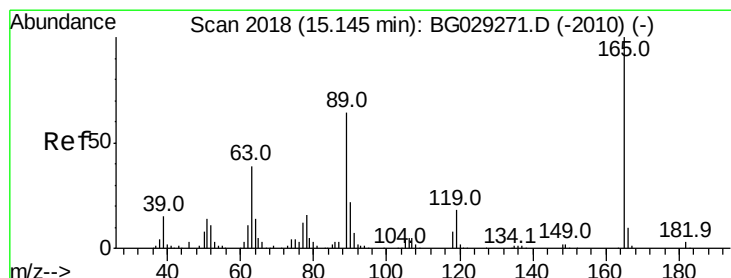
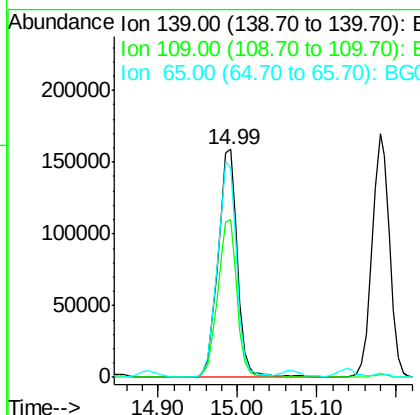
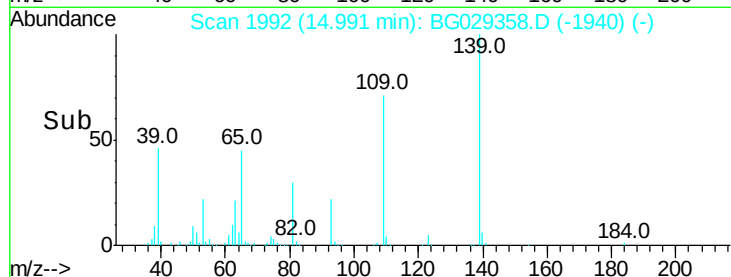
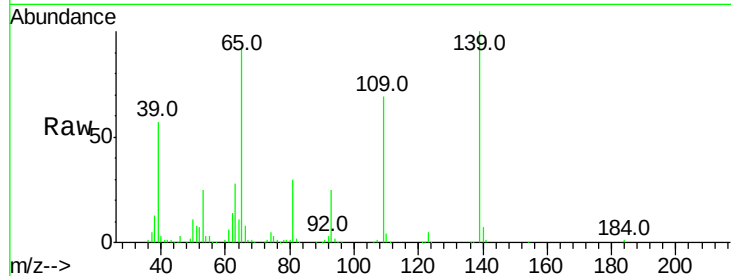
#55
4-Nitrophenol
Concen: 104.559 ng
RT: 14.99 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	267892		
109	69.4	62.2	102.2	
65	91.5	97.2	137.2#	

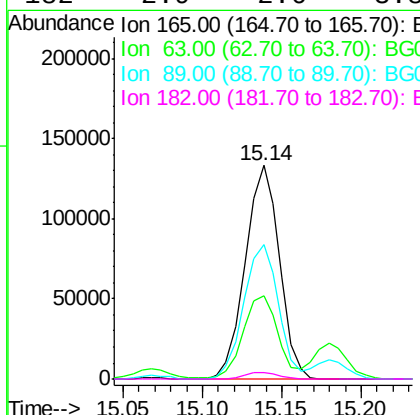
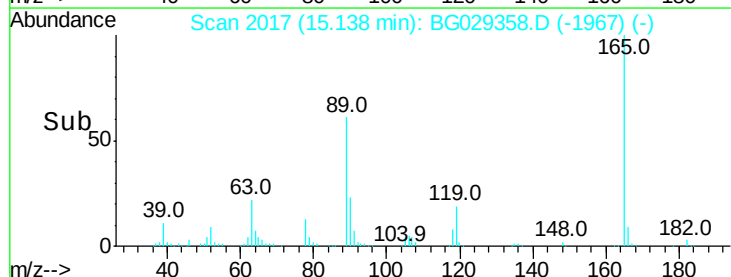
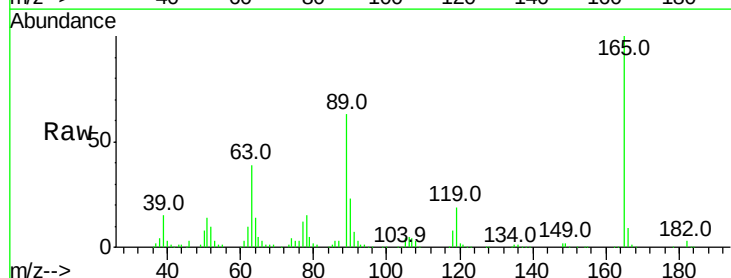
Manual Integrations
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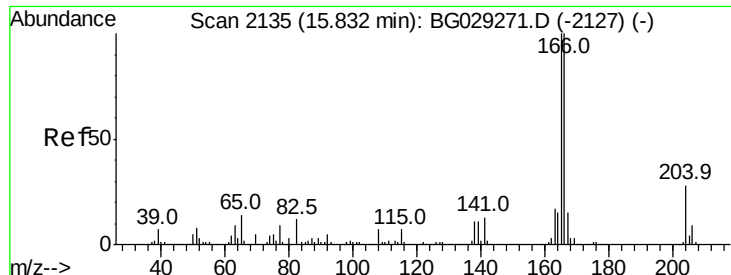
Sohil
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#56
2,4-Dinitrotoluene
Concen: 51.293 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	199975		
63	39.2	42.0	63.0#	
89	62.8	66.9	100.3#	
182	2.9	2.6	3.8	





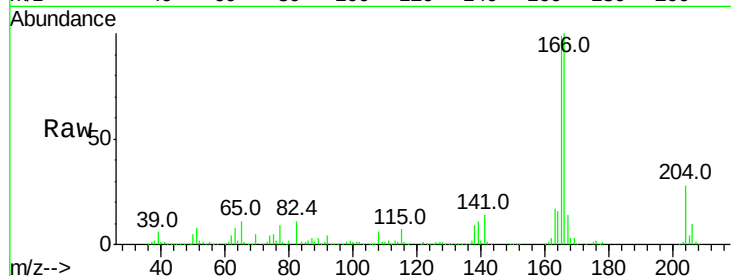
#57
 Fluorene
 Concen: 43.398 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	575333		
165	99.1	80.6	121.0	
167	14.3	10.4	15.6	

Manual Integrations
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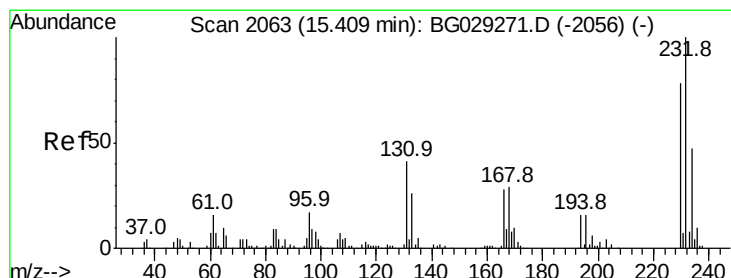
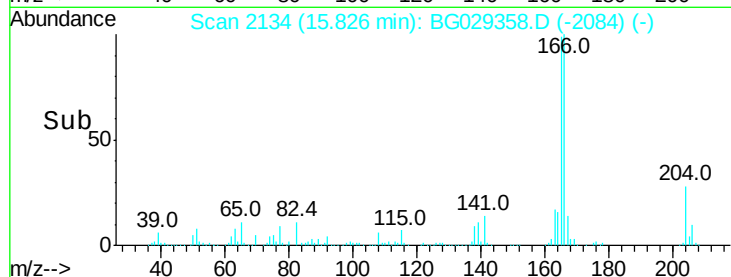
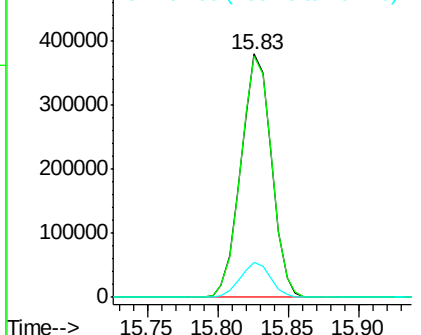


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.507 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	188478		
131	38.5	33.5	50.3	
130	2.3	2.2	3.2	
166	29.4	24.8	37.2	

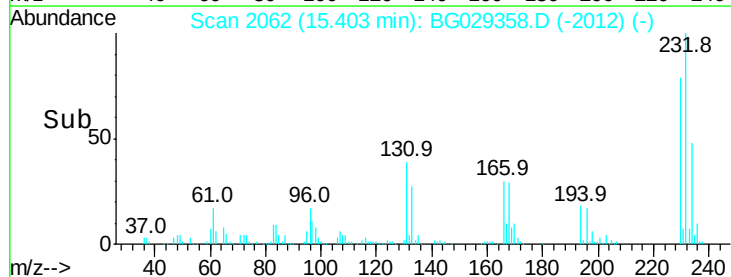
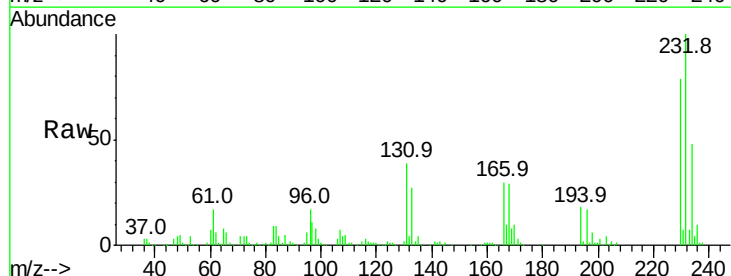
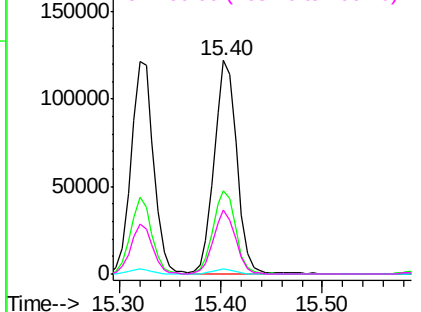
Abundance

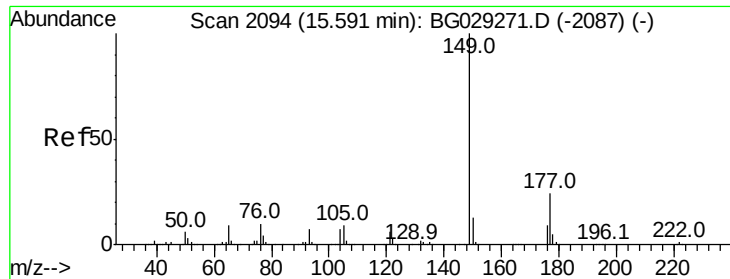
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





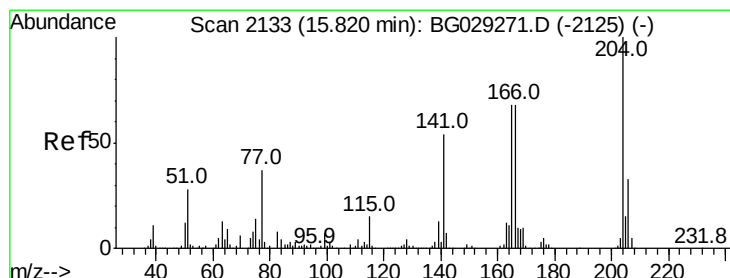
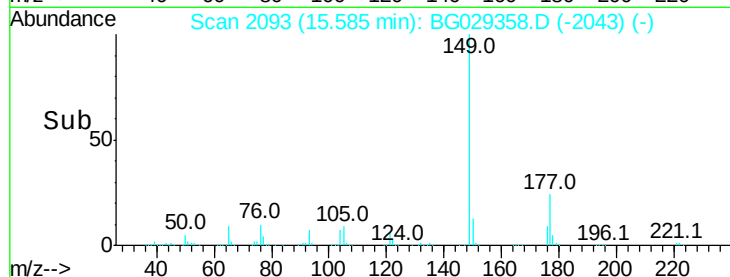
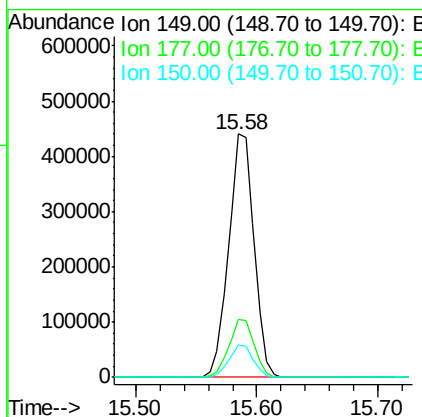
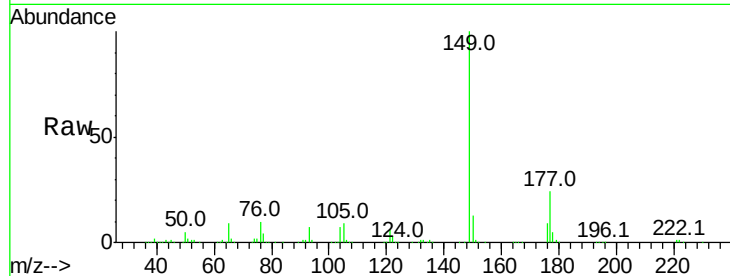
#59
Diethylphthalate
Concen: 46.765 ng
RT: 15.58 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.5	27.7
150	13.1	10.2	15.2

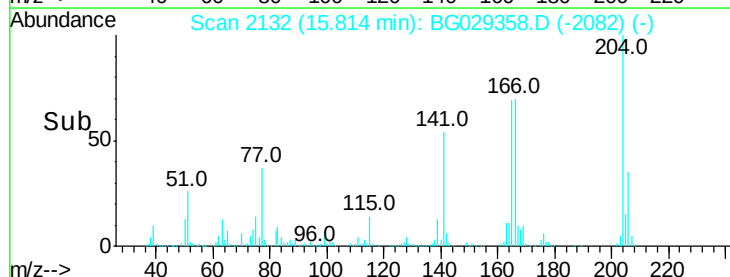
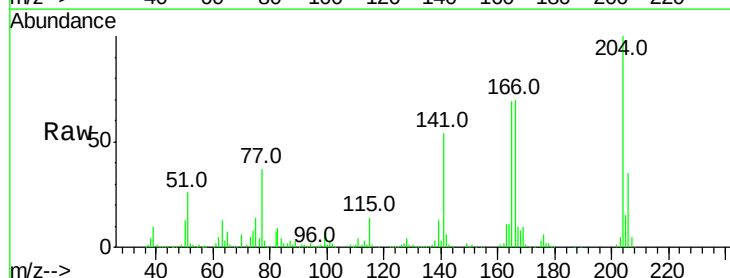
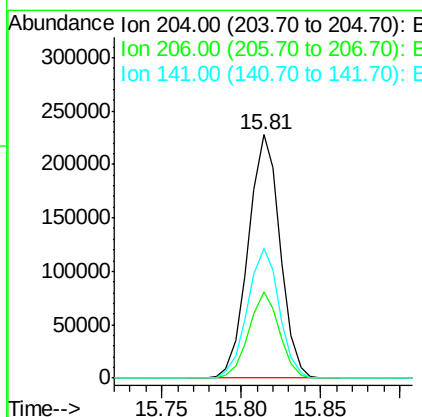
Manual Integrations
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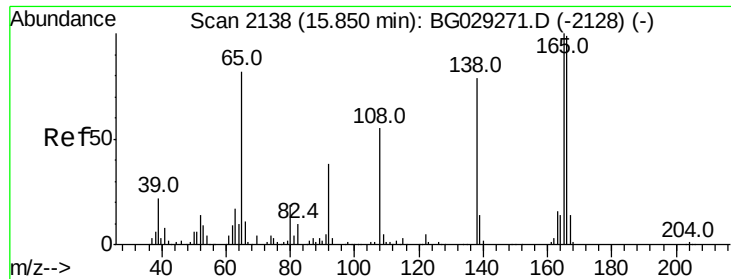
Sohil
10/19/2017 6:17:20 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.928 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.2	26.2	39.2
141	53.5	45.8	68.6





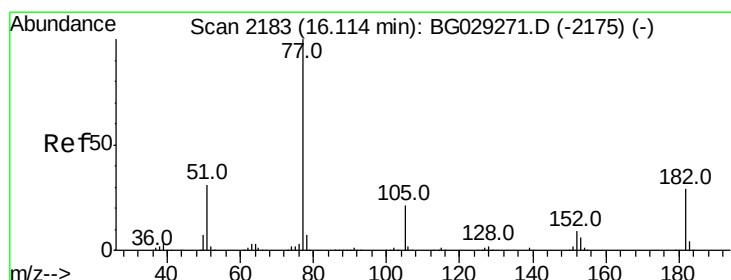
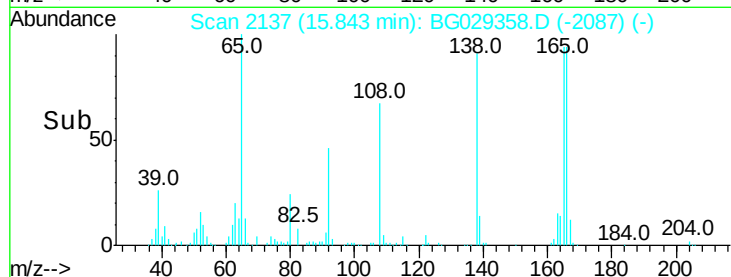
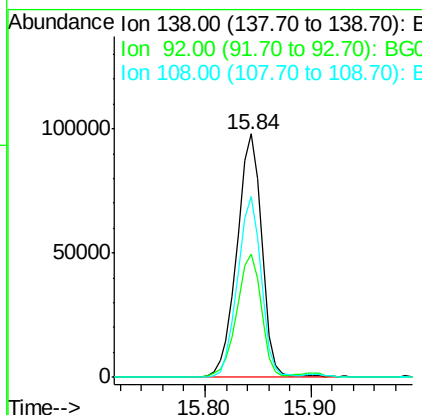
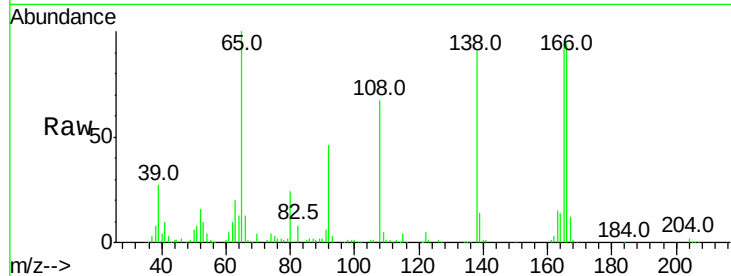
#61
4-Nitroaniline
Concen: 50.018 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	159614		
92	50.5	40.1	80.1	
108	74.0	65.4	105.4	

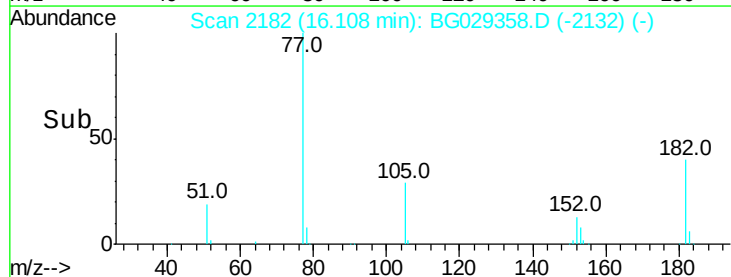
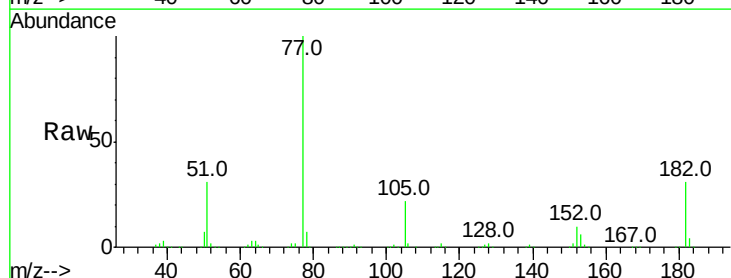
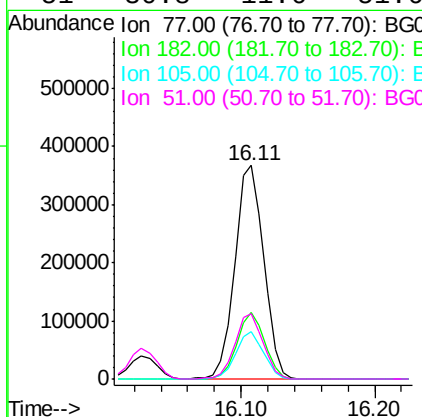
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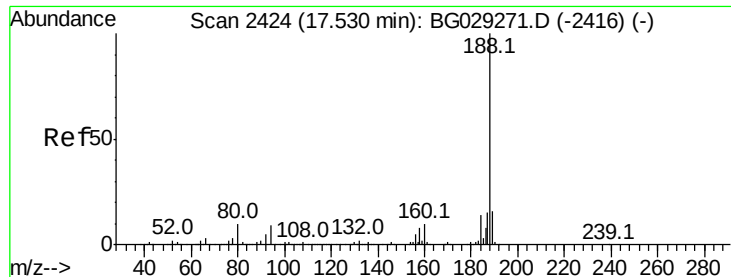
Sohil
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#62
Azobenzene
Concen: 47.538 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	548865		
182	31.2	7.4	47.4	
105	22.4	0.3	40.3	
51	30.8	11.6	51.6	





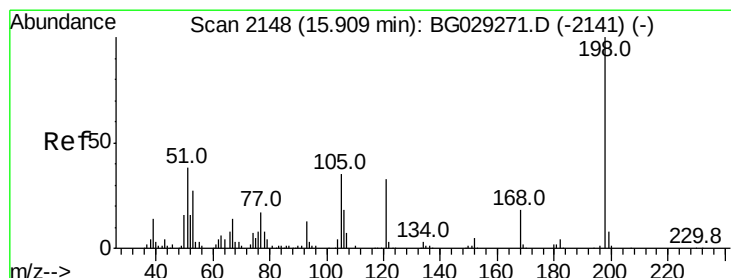
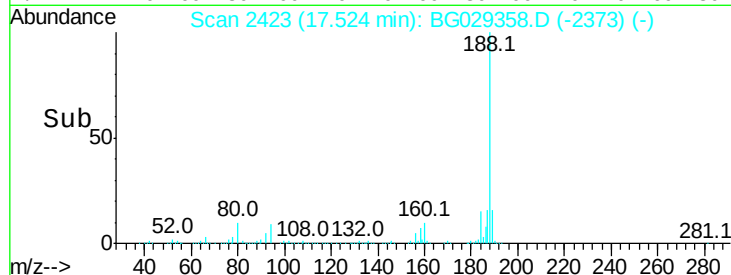
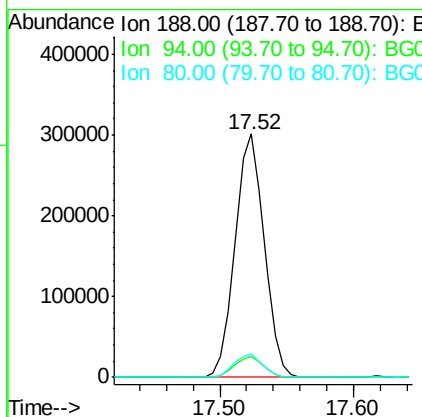
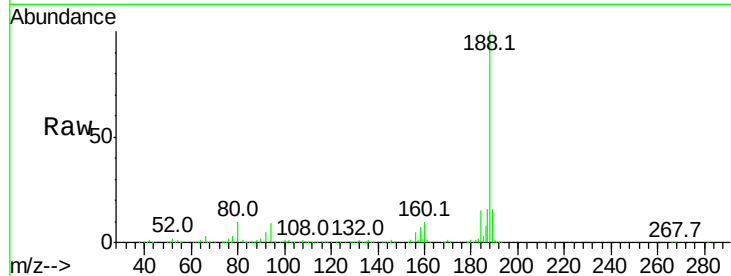
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.6	7.7	11.5

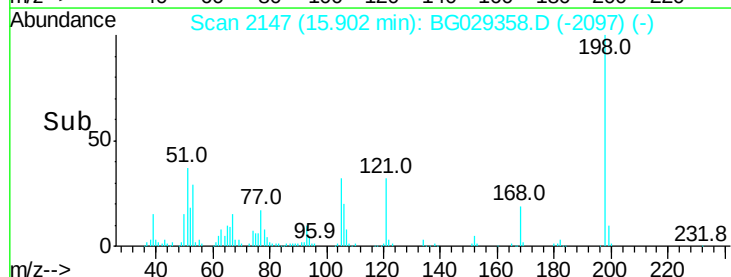
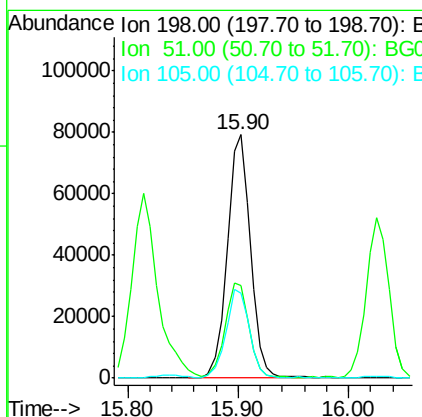
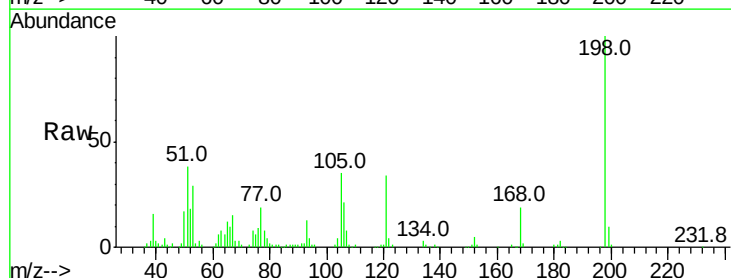
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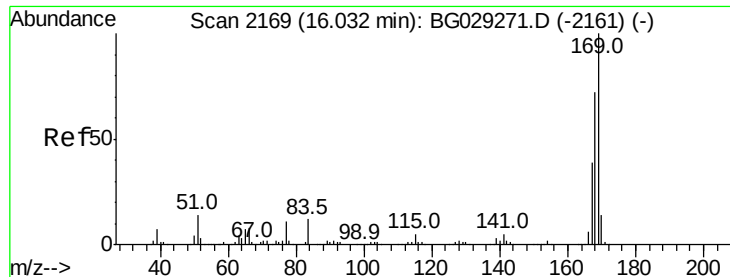
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.202 ng
RT: 15.90 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	38.2	30.6	70.6
105	35.0	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 39.394 ng

RT: 16.03 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

Tot Ion:169 Resp: 539128

Ion Ratio Lower Upper

169 100

168 70.8 55.7 83.5

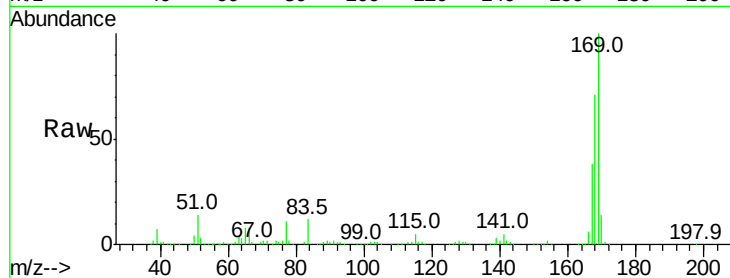
167 38.3 30.1 45.1

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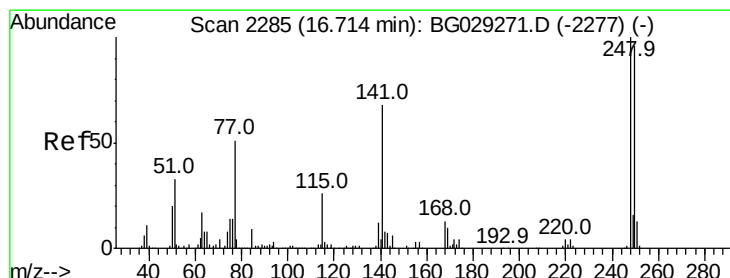
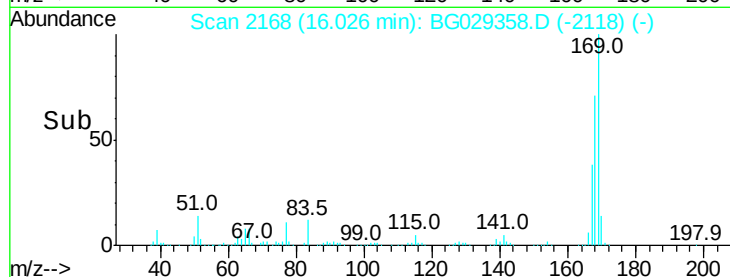
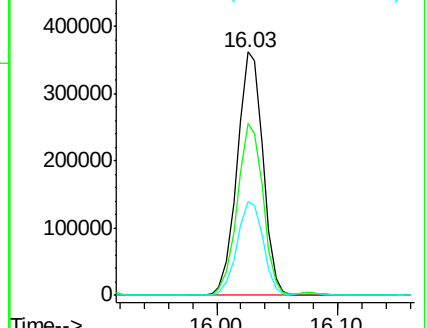
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.487 ng

RT: 16.71 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

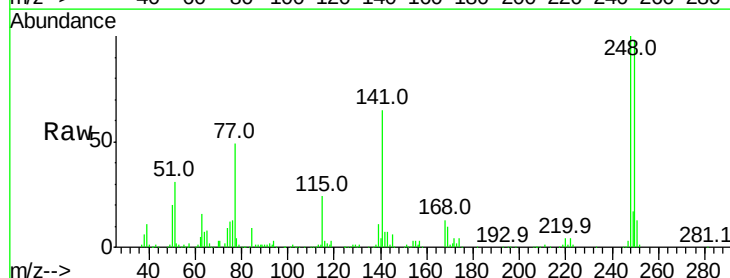
Tgt Ion:248 Resp: 217491

Ion Ratio Lower Upper

248 100

250 98.4 77.1 115.7

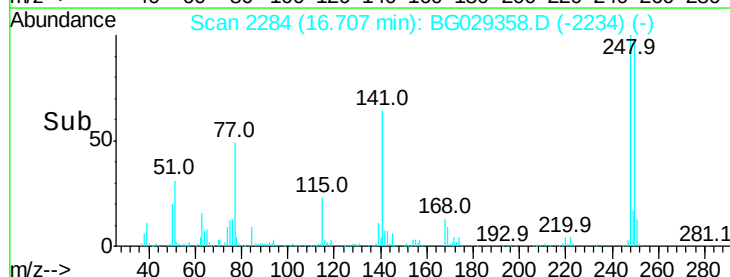
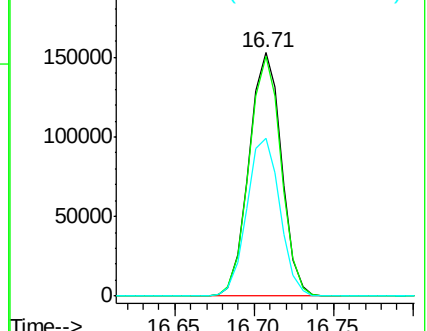
141 64.7 50.8 76.2

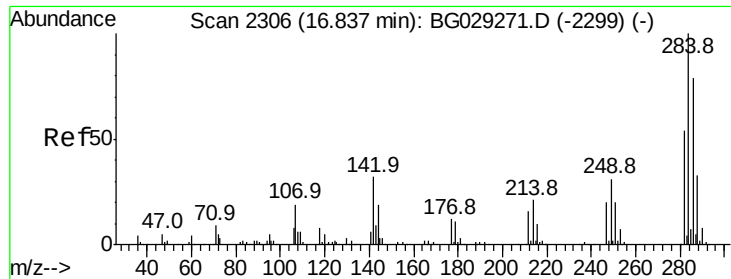


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.610 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

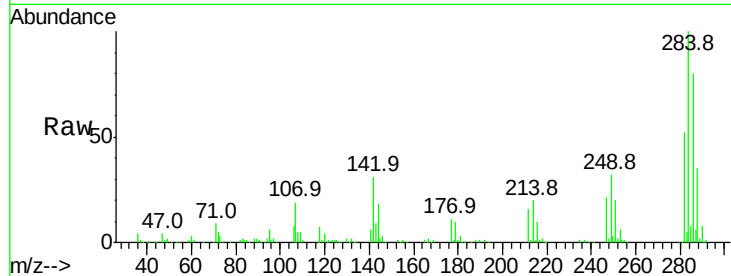
ClientSampleId :

PB103373BSD

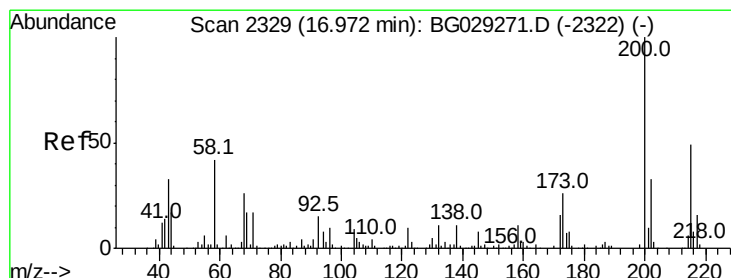
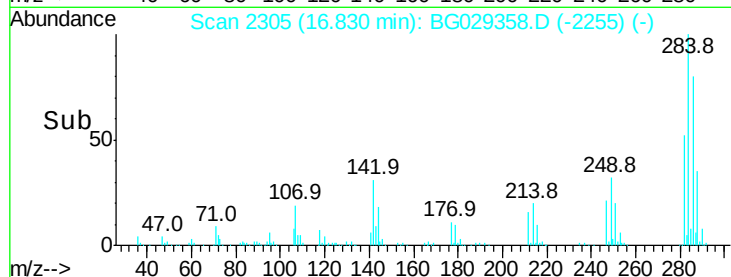
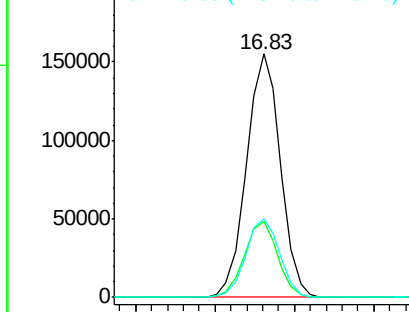
Tot Ion:	284	Resp:	229272
Ion Ratio		Lower	Upper
284	100		
142	31.3	26.8	40.2
249	32.4	26.3	39.5

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.357 ng

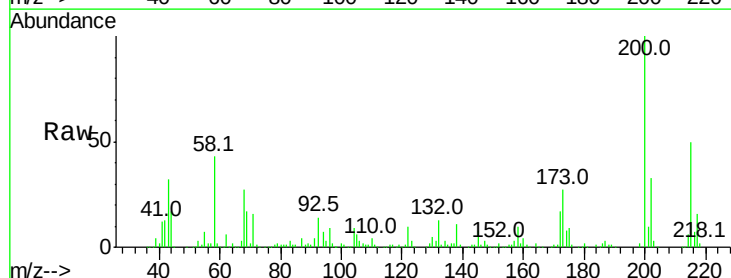
RT: 16.97 min Scan# 2328

Delta R.T. -0.01 min

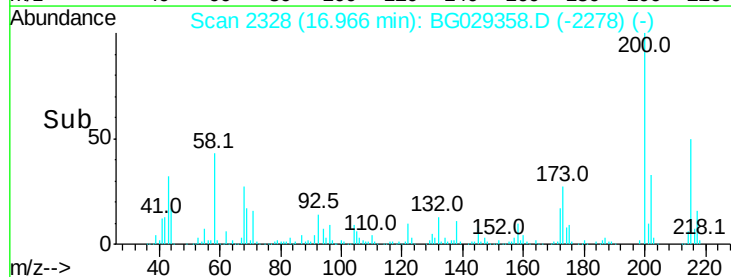
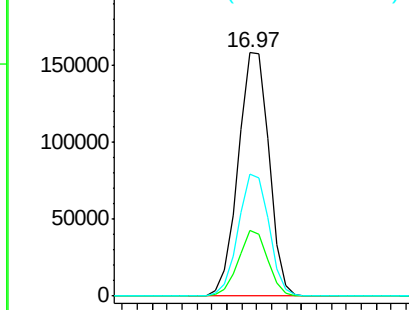
Lab File: BG029358.D

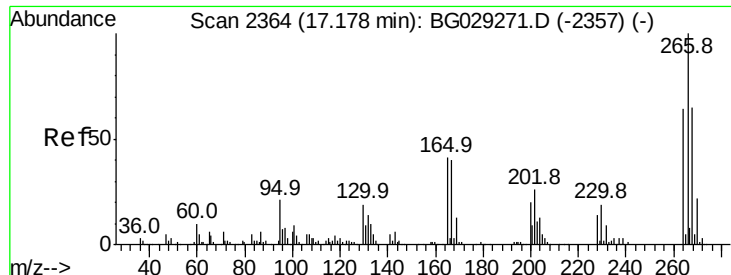
Acq: 19 Oct 2017 9:05

Tgt Ion:	200	Resp:	226370
Ion Ratio		Lower	Upper
200	100		
173	26.8	5.2	45.2
215	50.2	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





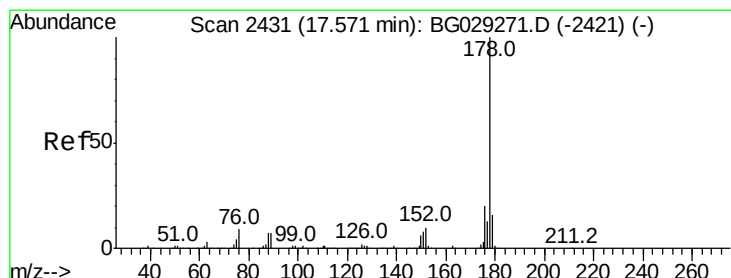
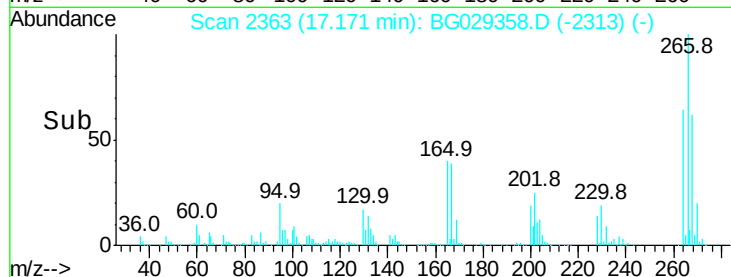
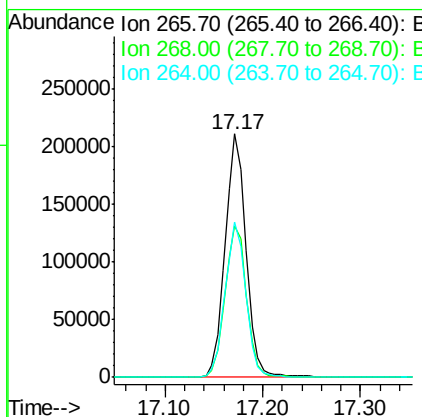
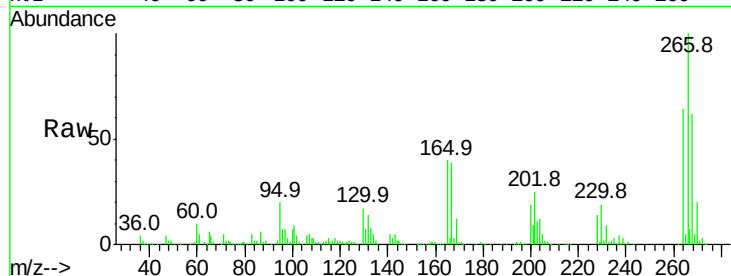
#69
 Pentachlorophenol
 Concen: 92.087 ng
 RT: 17.17 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	63.9	49.6	74.4

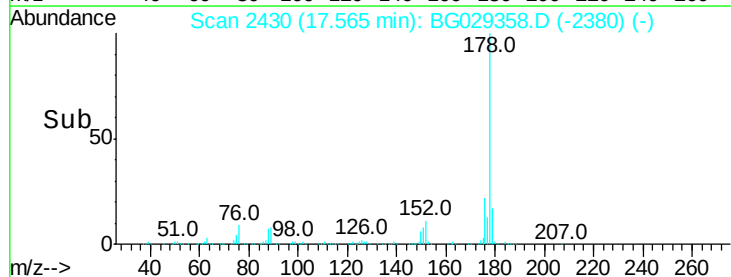
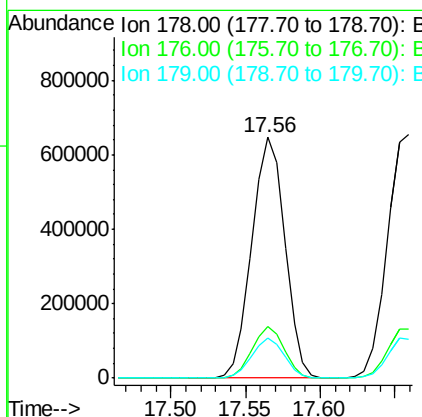
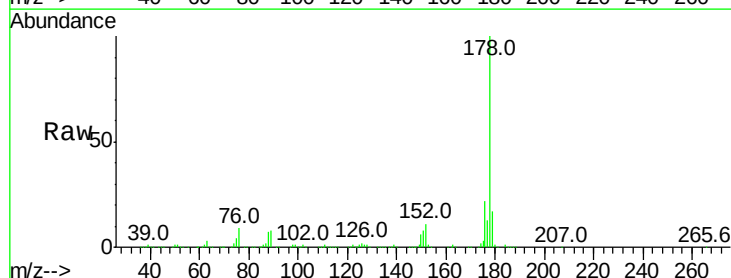
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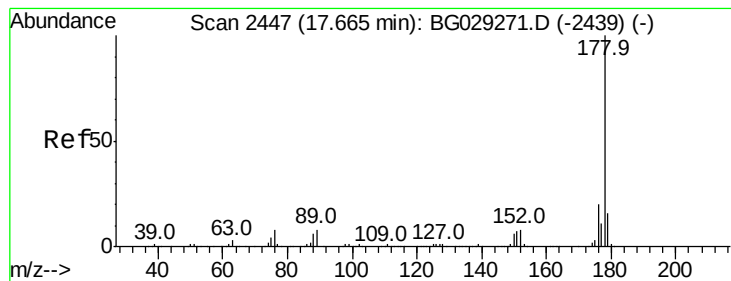
Sohil
 10/19/2017 6:17:20 PM



#70
 Phenanthrene
 Concen: 41.928 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.7	23.5
179	16.7	12.5	18.7





#71

Anthracene

Concen: 42.891 ng

RT: 17.66 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

Tot Ion:178 Resp: 1016478

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

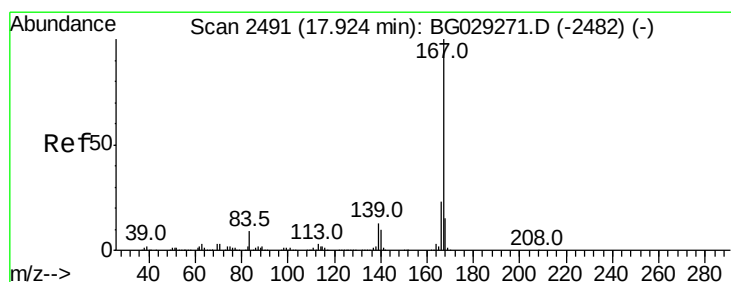
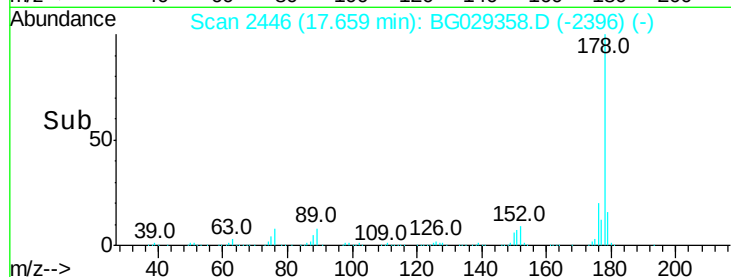
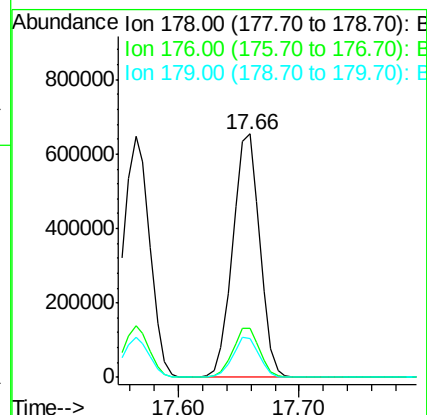
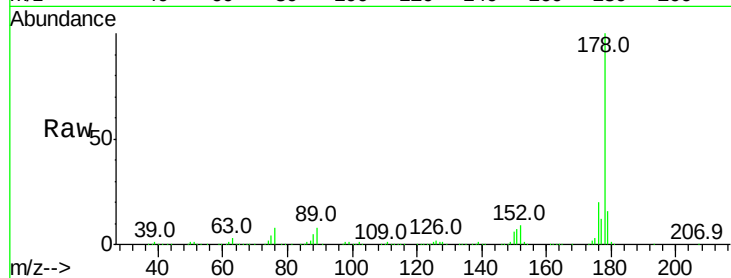
179 15.9 12.5 18.7

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#72

Carbazole

Concen: 43.011 ng

RT: 17.92 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

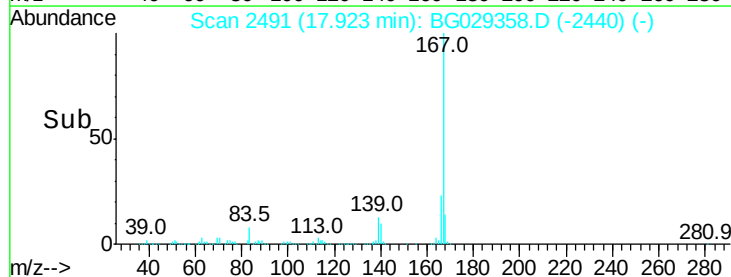
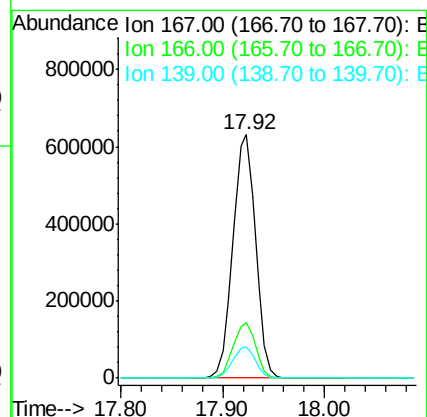
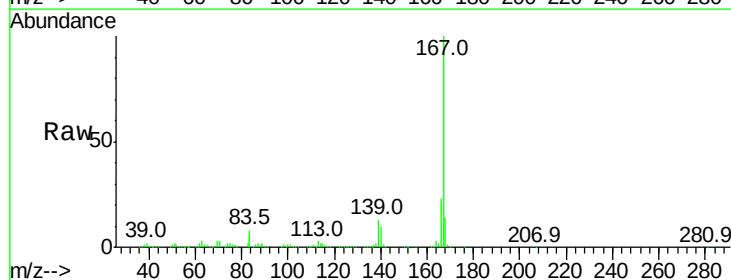
Tgt Ion:167 Resp: 979168

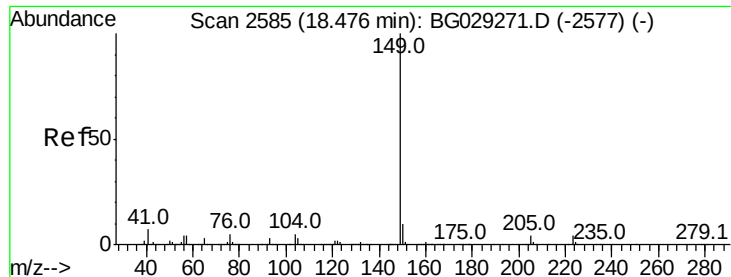
Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.4

139 12.6 9.4 14.2





#73

Di-n-butylphthalate

Concen: 43.736 ng

RT: 18.47 min Scan# 2584

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

Tot Ion:149 Resp: 1145160

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

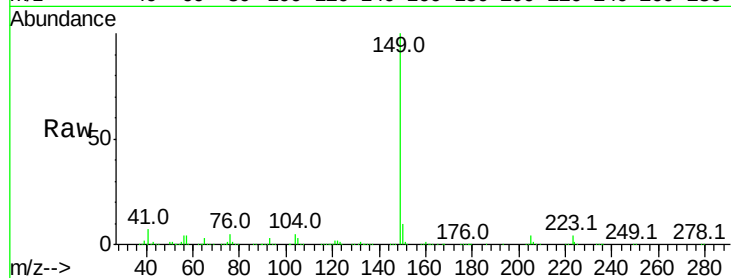
104 5.0 3.9 5.9

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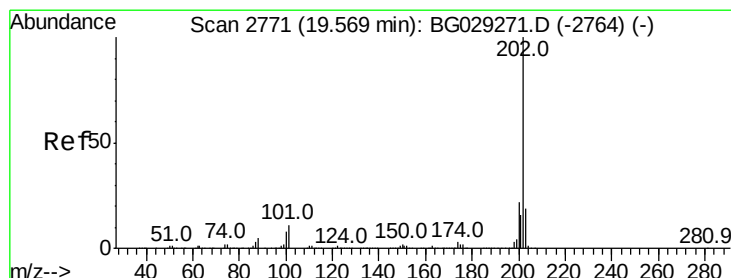
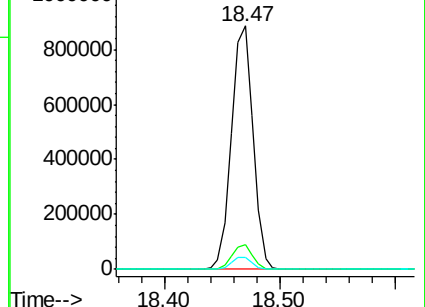
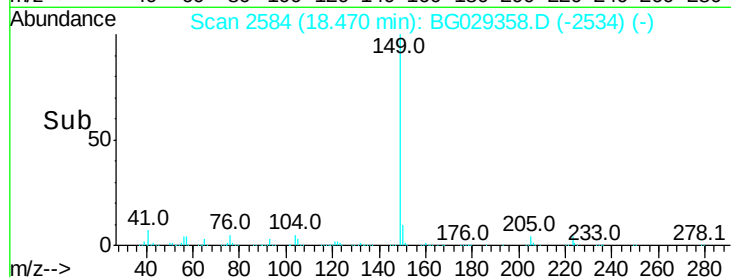
10/19/2017 6:17:20 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.609 ng

RT: 19.56 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

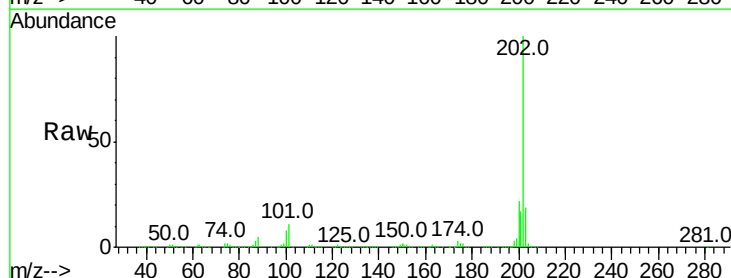
Tgt Ion:202 Resp: 1259033

Ion Ratio Lower Upper

202 100

101 10.6 0.0 28.9

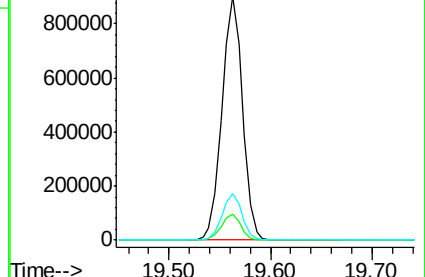
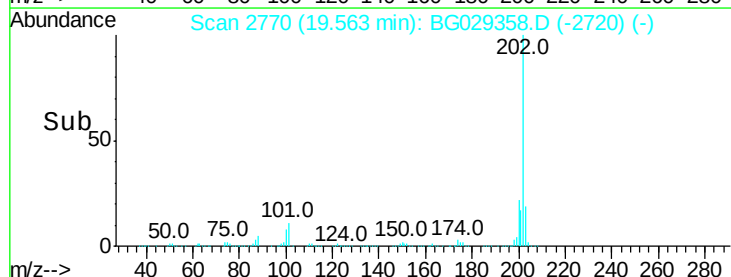
203 19.3 0.0 37.5

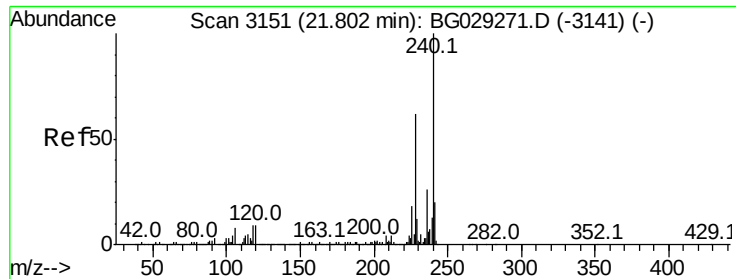


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

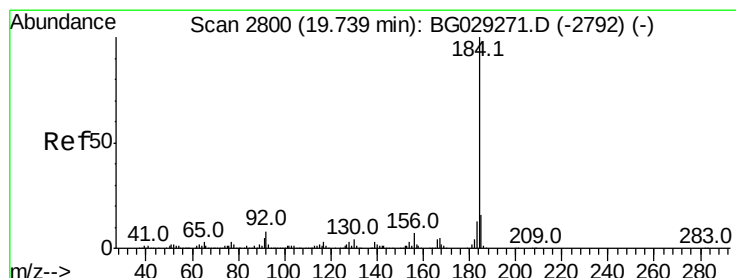
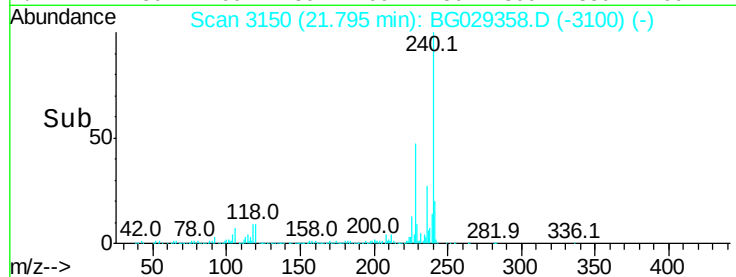
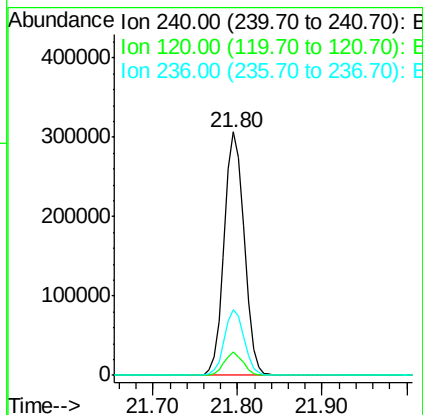
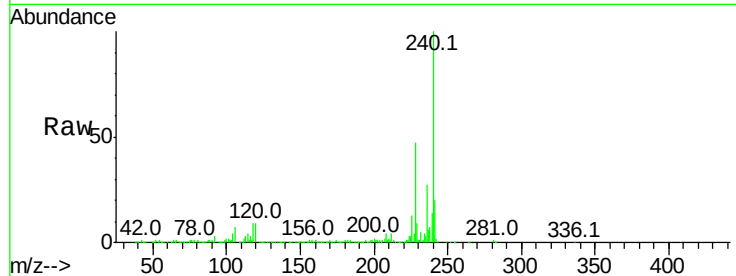
ClientSampleId :

PB103373BSD

Tot Ion:	240	Resp:	503334
Ion Ratio		Lower	Upper
240	100		
120	9.4	6.8	10.2
236	27.0	20.9	31.3

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#76

Benzidine

Concen: 32.144 ng

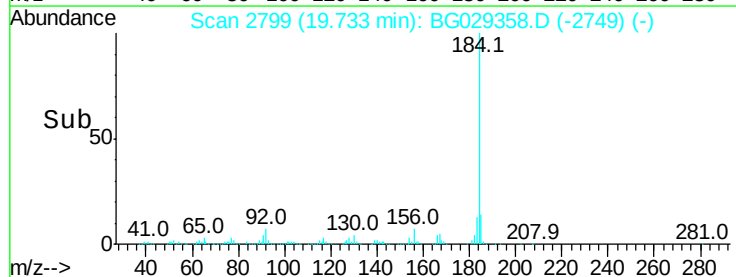
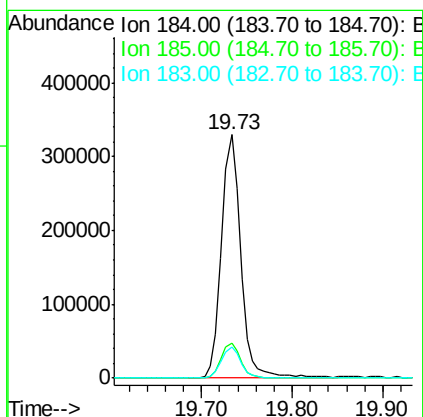
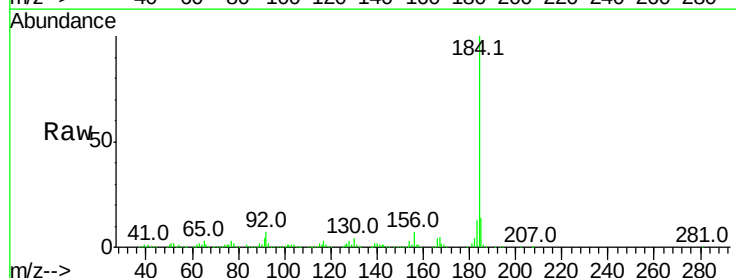
RT: 19.73 min Scan# 2799

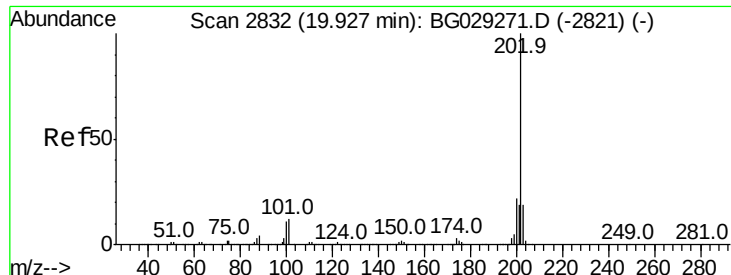
Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Tgt Ion:	184	Resp:	488507
Ion Ratio		Lower	Upper
184	100		
185	14.4	11.1	16.7
183	12.7	10.6	16.0





#77

Pvrene

Concen: 41.945 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

Tot Ion:202 Resp: 1280709

Ion Ratio Lower Upper

202 100

200 22.8 16.9 25.3

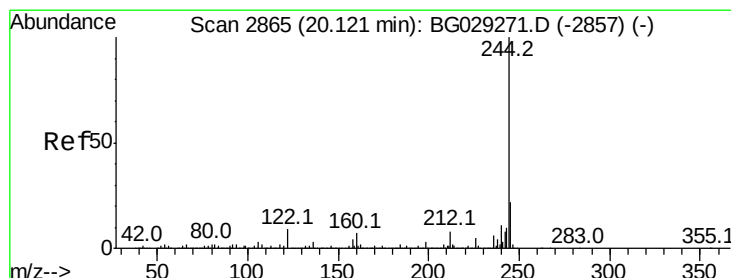
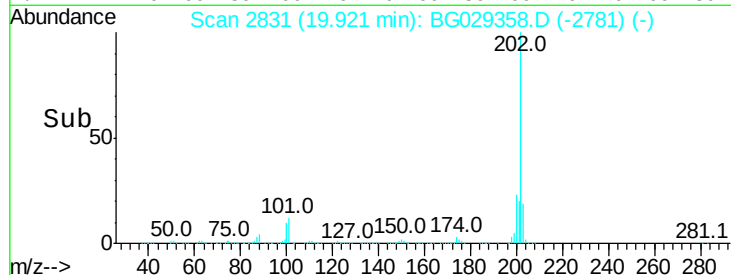
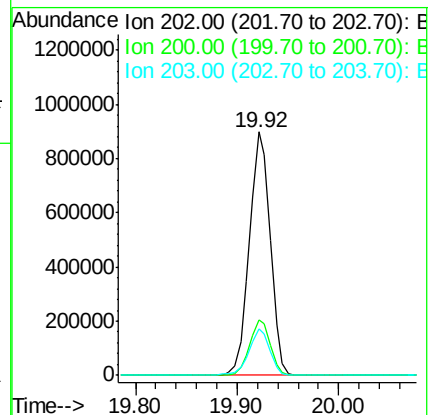
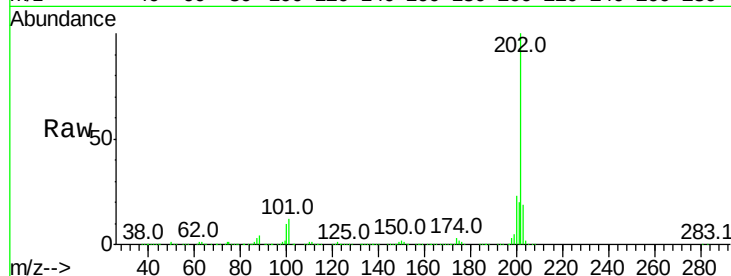
203 19.4 13.9 20.9

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#78

Terphenyl-d14

Concen: 84.862 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

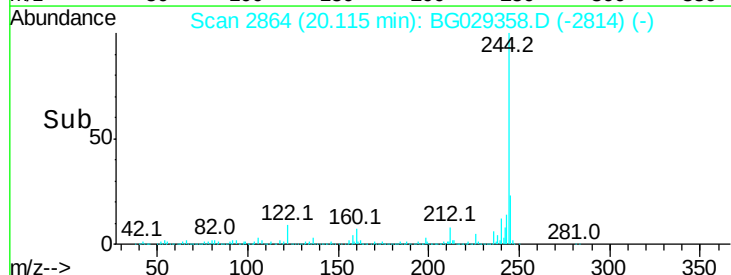
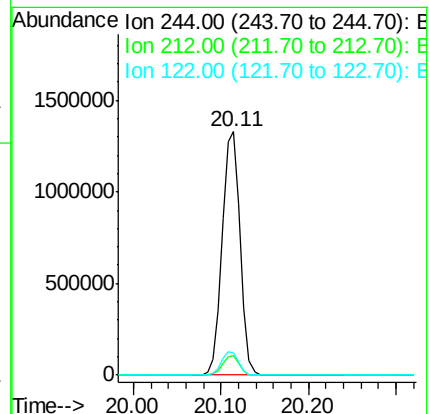
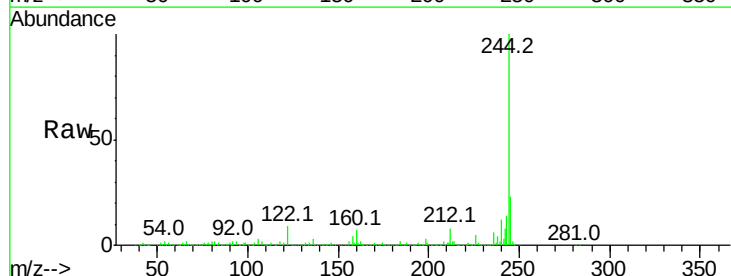
Tgt Ion:244 Resp: 1877598

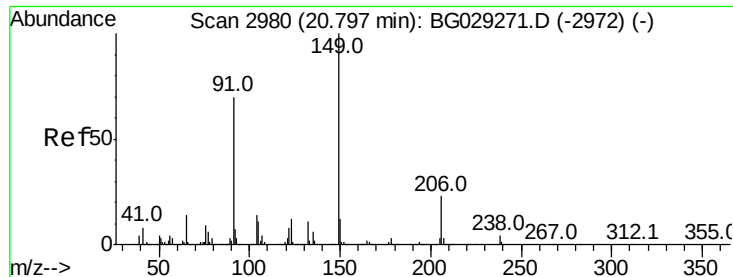
Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

122 9.2 7.0 10.4





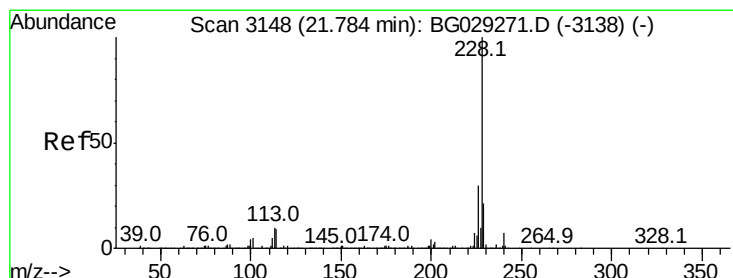
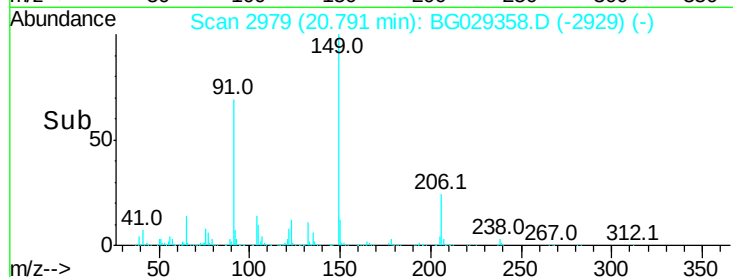
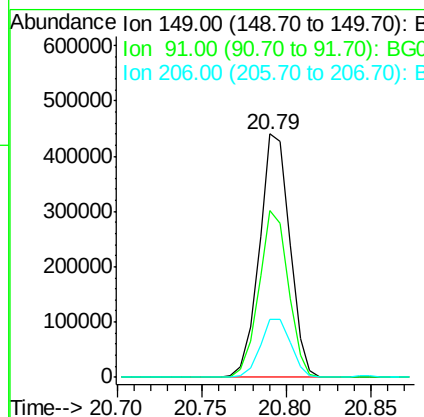
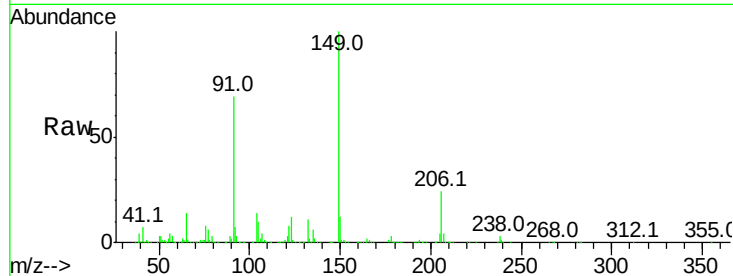
#79
Butylbenzylphthalate
Concen: 42.140 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	548171		
91	68.5	62.2	93.2	
206	23.7	18.6	27.8	

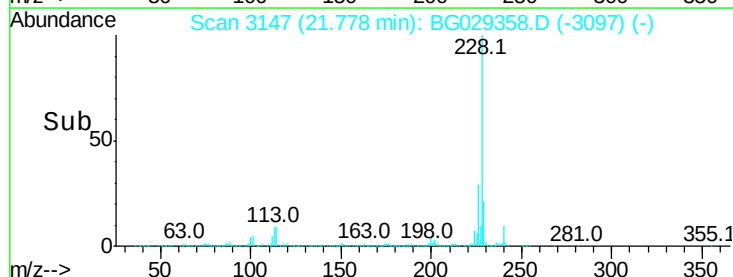
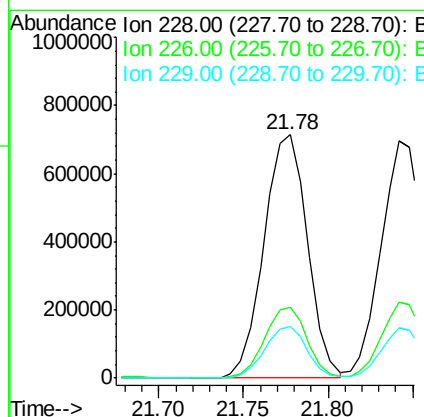
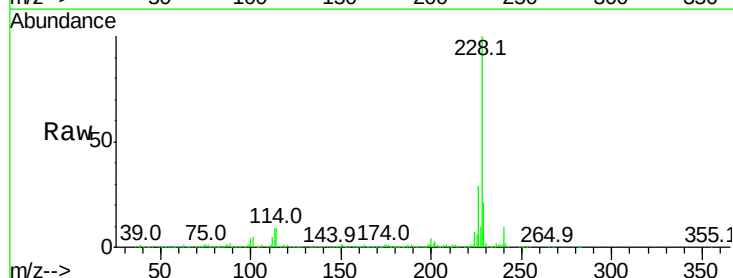
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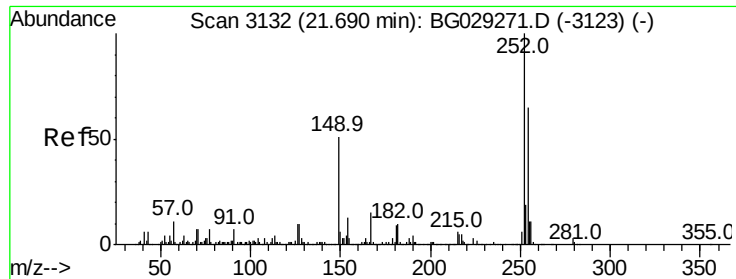
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#80
Benzo(a)anthracene
Concen: 43.256 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1278296		
226	29.1	22.7	34.1	
229	21.3	16.2	24.2	





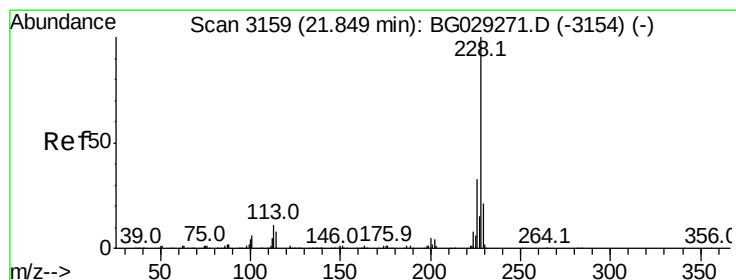
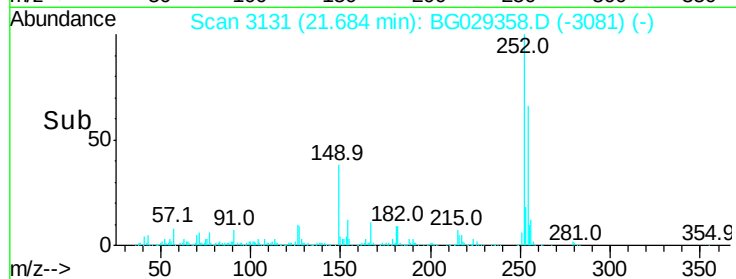
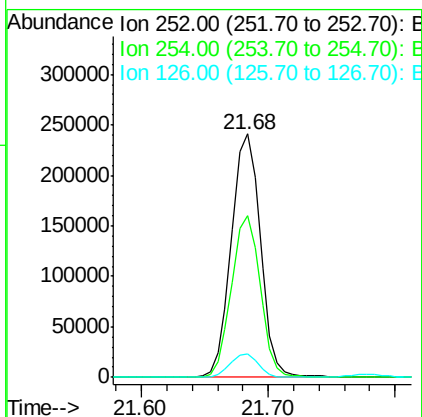
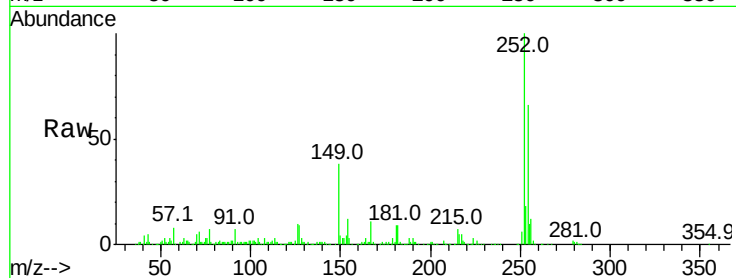
#81
 3,3'-Dichlorobenzidine
 Concen: 31.373 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	50.8	76.2
126	9.7	7.4	11.2

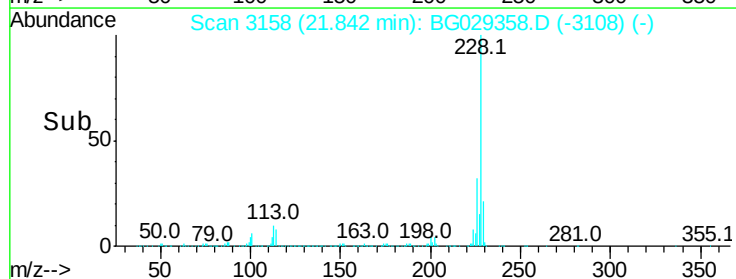
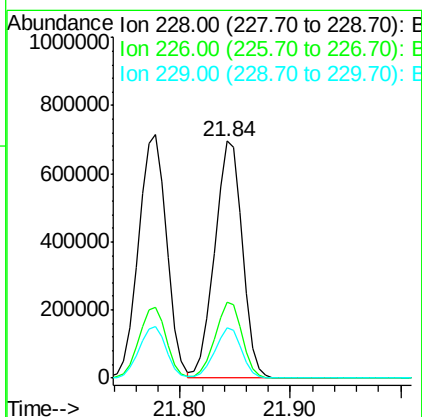
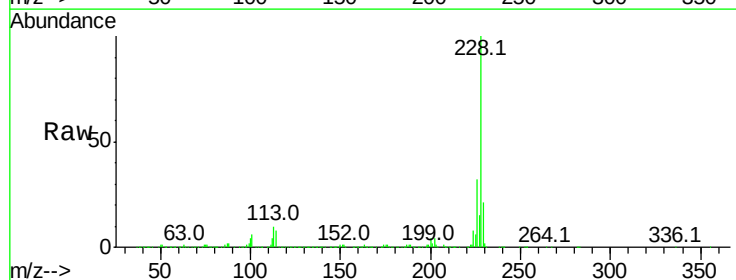
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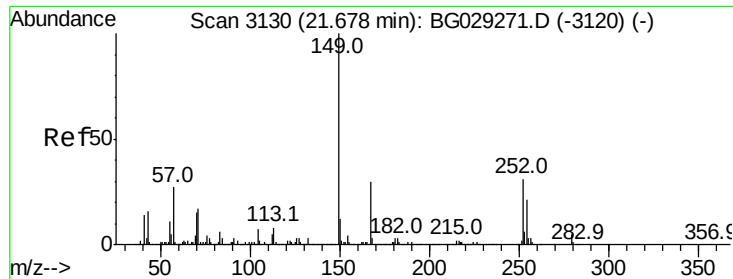
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#82
 Chrysene
 Concen: 42.536 ng
 RT: 21.84 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	21.3	15.0	22.4





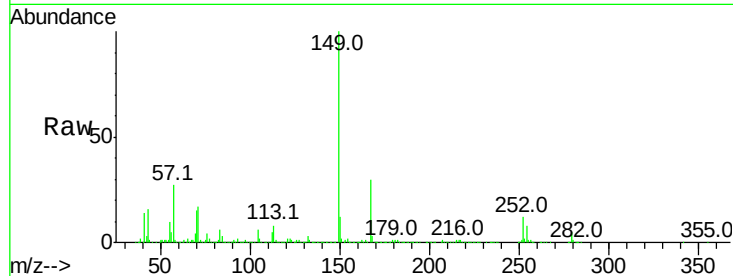
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.173 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

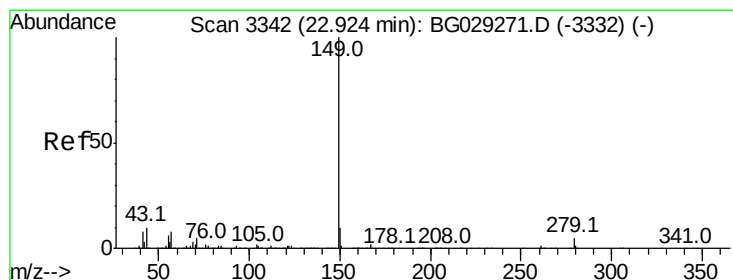
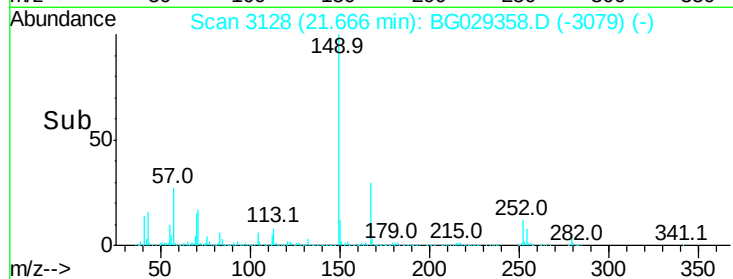
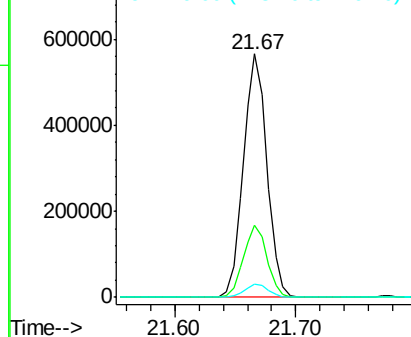
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	29.7	24.3	36.5
279	5.2	4.0	6.0

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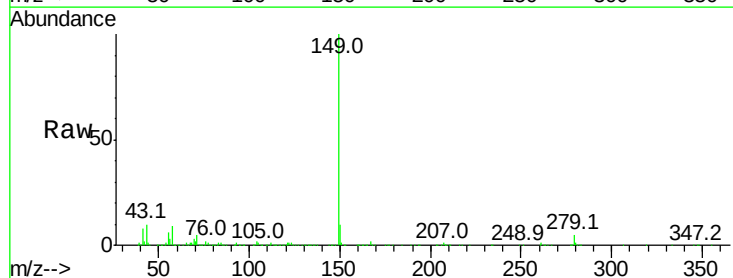


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

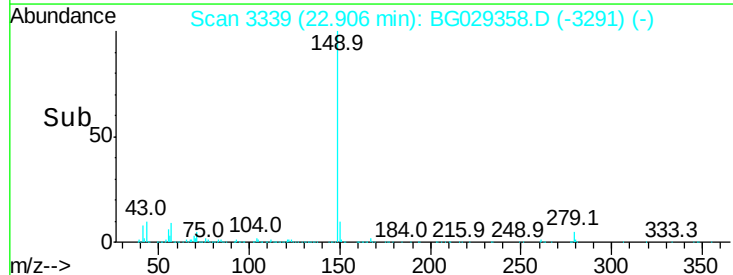
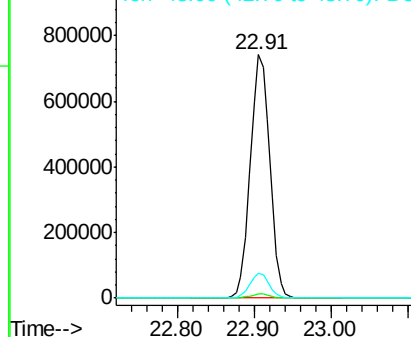


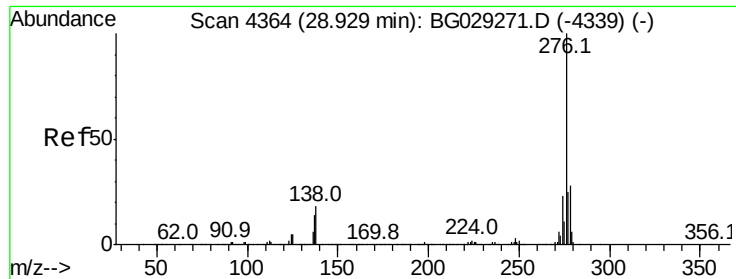
#84
 Di-n-octyl phthalate
 Concen: 40.643 ng
 RT: 22.91 min Scan# 3339
 Delta R.T. -0.02 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.0	8.9	13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG





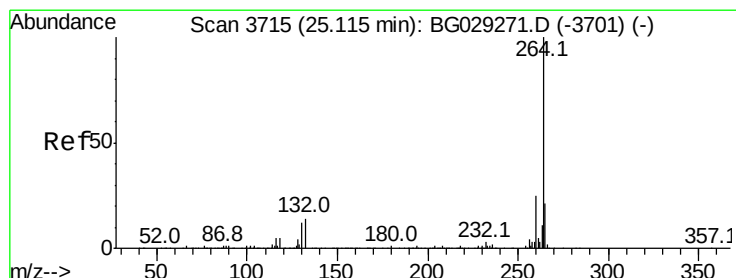
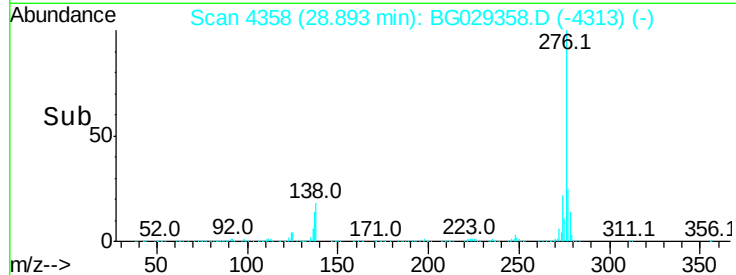
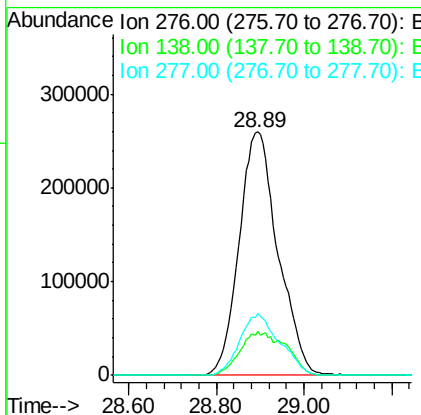
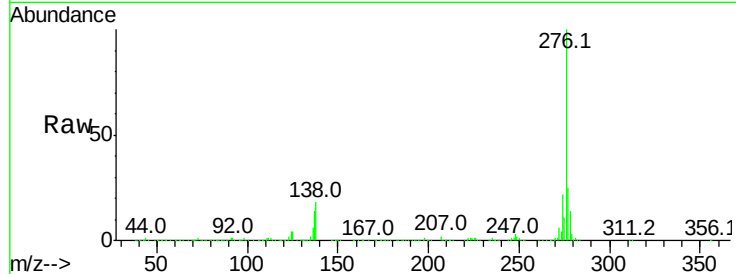
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.926 ng
RT: 28.89 min Scan# 4358
Delta R.T. -0.04 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.0	24.0
277	26.1	20.0	30.0

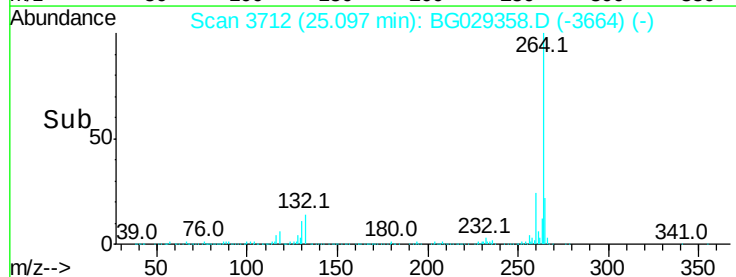
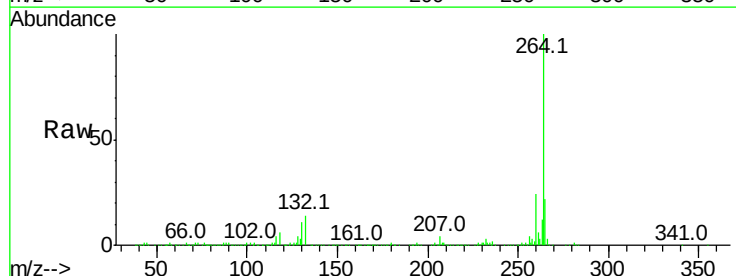
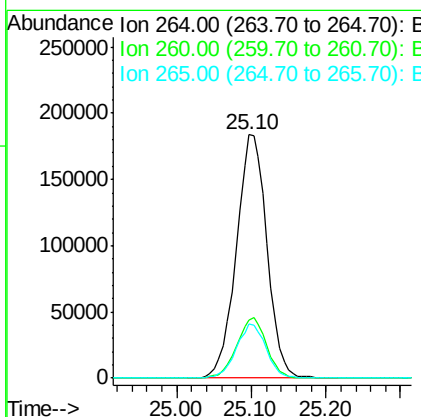
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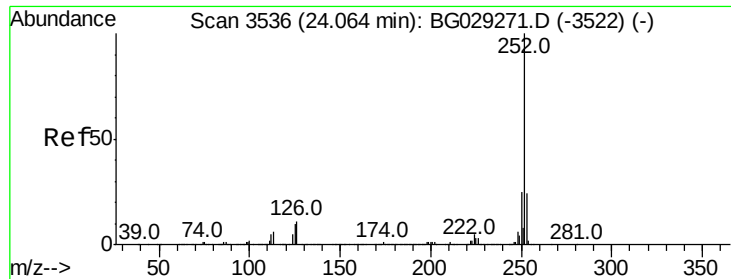
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.3	17.7	26.5





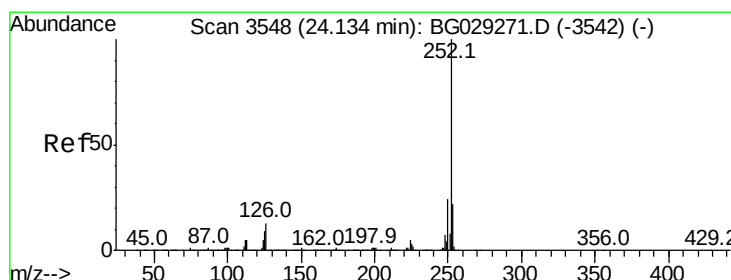
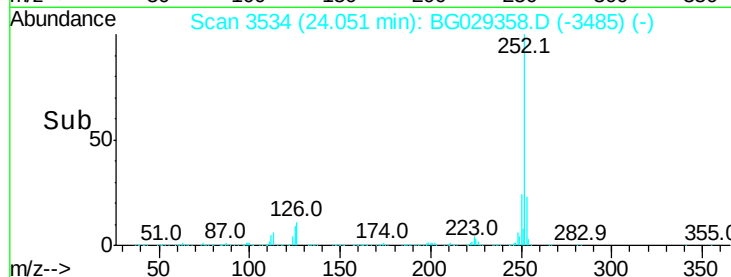
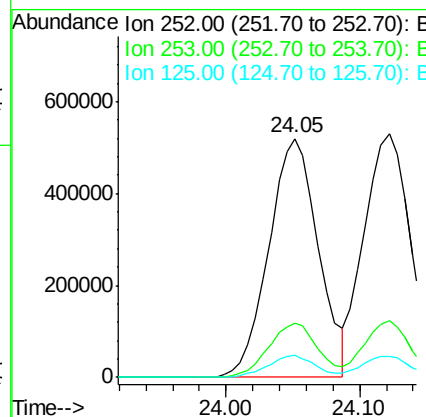
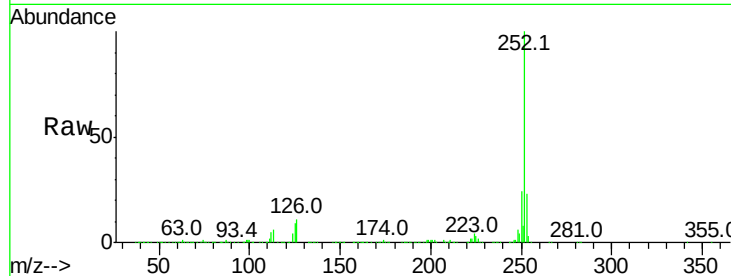
#87
Benzo(b)fluoranthene
Concen: 44.880 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	9.0	7.2	10.8

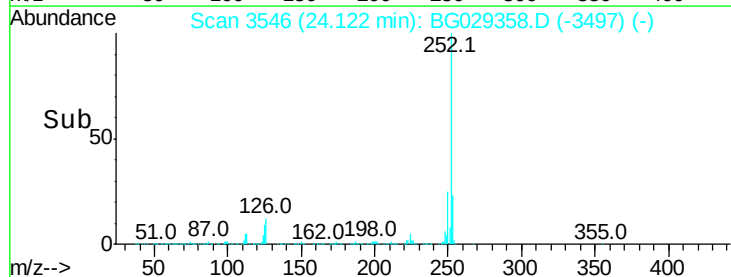
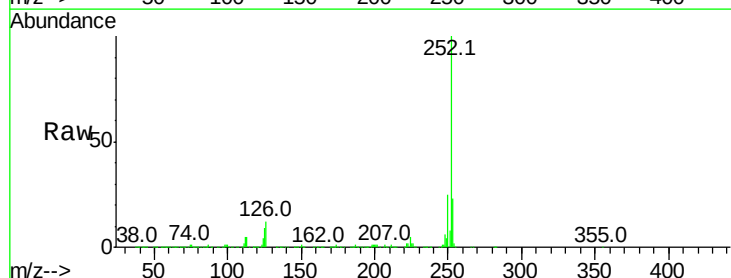
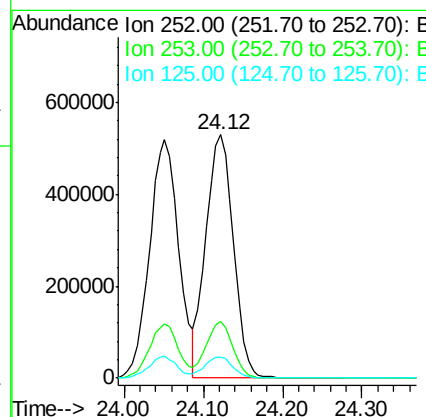
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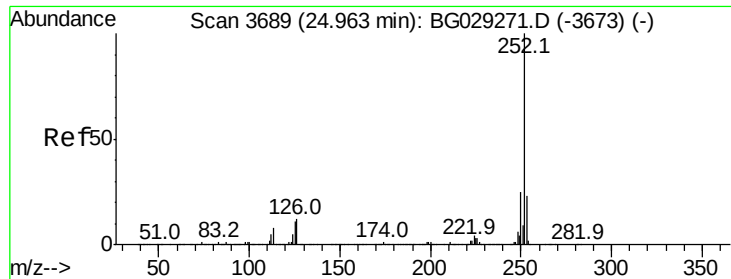
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#88
Benzo(k)fluoranthene
Concen: 42.994 ng
RT: 24.12 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	8.8	6.6	9.8





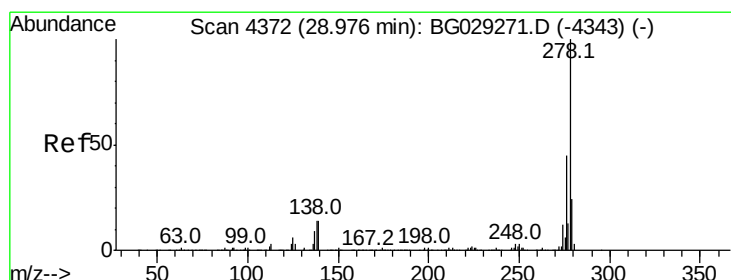
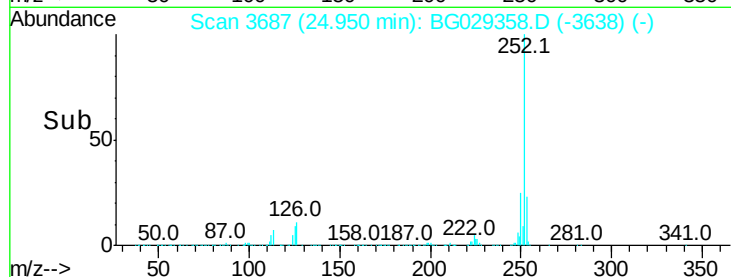
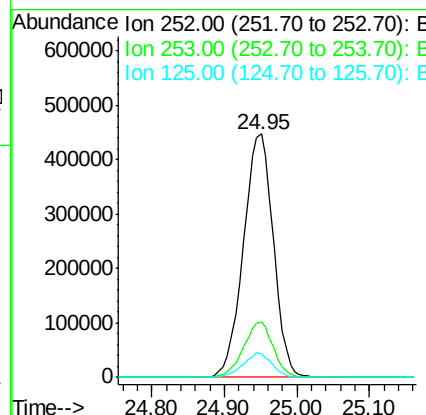
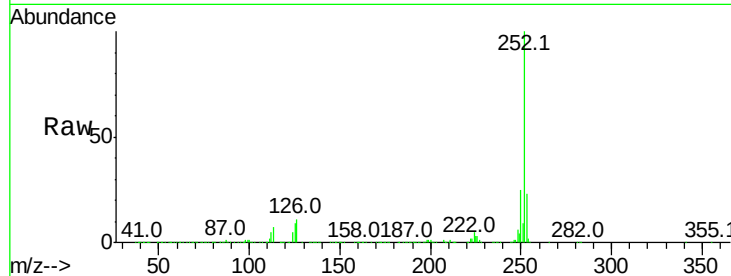
#89
Benzo(a)pyrene
Concen: 44.675 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	9.5	7.3	10.9

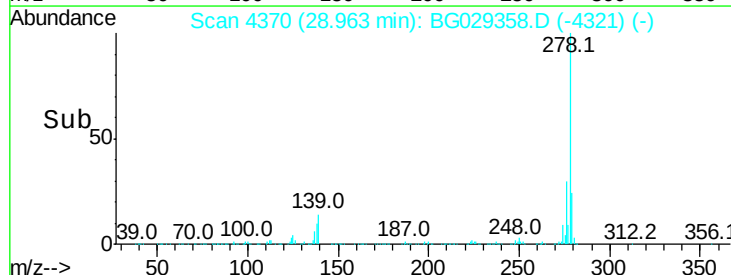
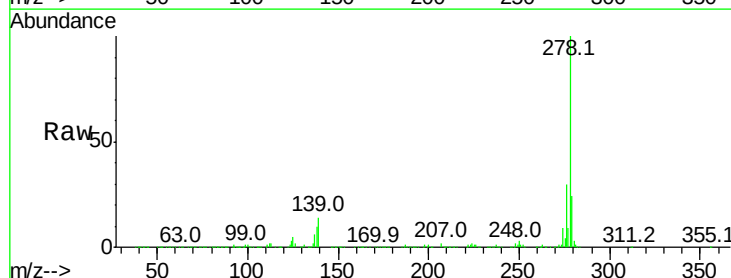
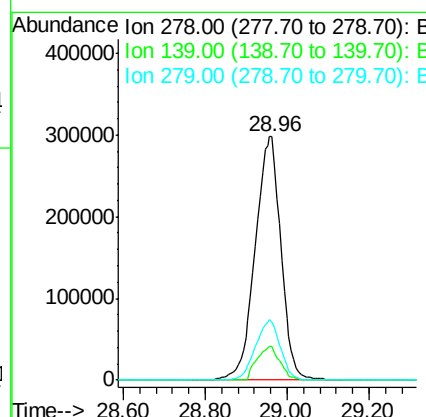
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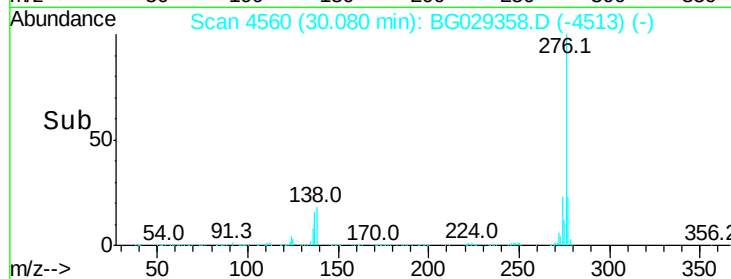
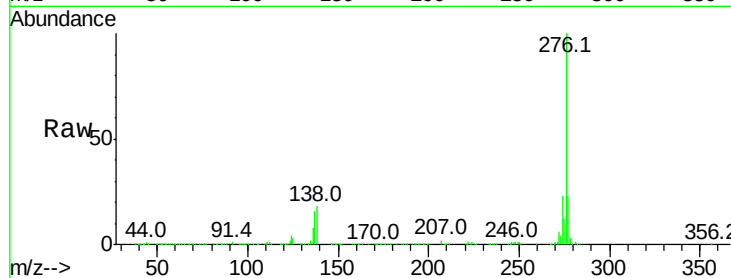
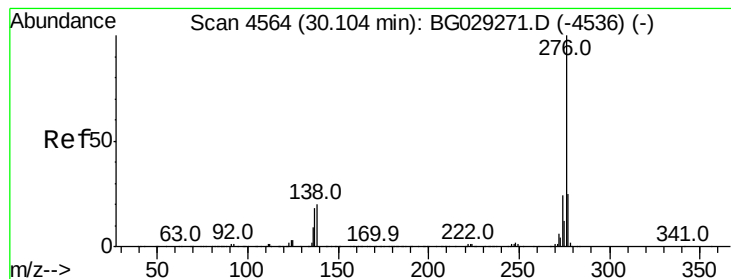
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 44.778 ng
RT: 28.96 min Scan# 4370
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	9.8	14.6
279	24.0	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 47.767 ng

RT: 30.08 min Scan# 4560

Delta R.T. -0.02 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

Tot Ion:276 Resp: 1288874

Ion Ratio Lower Upper

276 100

277 23.1 18.3 27.5

138 18.0 13.9 20.9

Manual Integrations

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